



Oil and Gas Unit

Quarterly Update

December 1990



Oil and Gas Unit

Quarterly Update

ENERGY RESOURCES CONSERVATION BOARD

Editorial correspondence to

Drilling and Production Department
Energy Resources Conservation Board

1990 edition, Final edition

Publication consists of new and revised Units received by the Board up to 31 December 1990.

Published by:

Energy Resources Conservation Board
640 - 5th Avenue SW
CALGARY, Alberta
T2P 3G4

Telephone (403) 297-8311

OIL AND GAS UNITS

NEW UNITS

Chauvin South Sparky Unit No. 4
Cherhill Unit No. 2
Magrath Bow Island Gas Unit # 1
Pembina - Keystone "West" Belly River U Pool Unit
Red Earth Slave Point A Pool Unit No. 2
Rycroft Charlie Lake "C" Pool Unit
Swan Hills Beaverhill Lake "C" Pool Unit No. 2
Wainwright Unit No. 17

REVISED UNITS

Acheson Lower Cretaceous Unit No. 1
Alexis Banff A Pool Unit
Antelope Gas Unit
Arrowwood Gas Unit No. 1
Bashaw D-3A Unit No. 1
Bigoray Nisku "A" Unit No. 1
Blood Bow Island A Gas Unit No. 1
Boundary Lake South Triassic E Pool Unit
Brazeau River Gas Unit No. 1
Buffalo Lake (D-3) Unit
Calgary Basal Quartz Unit No. 1
Calgary Crossfield Unit No. 1
Calgary Elkton Unit No. 1
Carrot Creek Cardium "D" Pool Unit No. 1
Carrot Creek Cardium D South Unit
Cessford Unit No. 2
Charron Gas Unit No. 1
Chauvin South Sparky Unit No. 2
Chigwell Viking B Unit
Clive D-2 Unit No. 1
Clive D-3A Unit No. 1
Crystal Viking Unit No. 1
Cyn-Pem Cardium D Unit No. 1
Drumheller Nisku Unit No. 2
Elnora Gas Unit
Erskine Leduc D-3A Unit No. 1
Fenn-Big Valley Viking Gas Unit No. 1
Ferrier Cardium Unit No. 4
Gift Slave Point "A" Unit No. 1
Gilby Jurassic "F" Unit
Gilby North Basal Quartz Gas Unit
Gilby Viking Unit No. 1
Hanlan Swan Hills Pool Gas Unit No. 1
Harmattan East Viking Unit No. 1
Holmberg Mannville Gas Unit
House Mountain Unit No. 1
House Mountain Unit No. 2
Huxley Gas Unit No. 1
Jenner Gas Unit No. 1
Joffre D-2 Unit No. 1

Kaybob Beaverhill Lake Unit No. 1
 Lake McGregor Gas Unit
 Leduc - Woodbend D-3 Unit
 Little Bow Upper Mannville "I" Unit
 Markerville Gas Unit No. 1
 Mazeppa Crossfield Unit No. 1
 Medicine River Glauconite "A" Unit No. 1
 Medicine River Pekisko "B" Pool Unit
 Medicine River Pekisko "E" Pool Unit
 Medicine River Unit No. 2
 Medicine River Unit No. 4
 Medicine River Viking "D" Unit No. 2
 Meekwap D-2A Unit No. 1
 Minnehik - Buck Lake Unit No. 1
 Monogram Gas Unit
 Nevis Unit No. 1
 Niton Unit
 Nordegg Gas Unit No. 1
 Oyen Gas Unit No. 3
 Oyen Viking Sand Gas Unit
 Paddle River Gas Unit No. 1
 Pembina Belly River B South Unit
 Pembina Belly River "L" Unit
 D.P.D.H. South Pembina Cardium Unit No. 3
 (Pembina Cardium Unit No. 3)
 Pembina Cardium Unit No. 7
 Pembina Cardium Unit No. 9 (Blue Rapids Area)
 Pembina Cardium Unit No. 20
 Pembina Keystone Cardium Unit No. 3
 Provost Veteran Viking "C" South Unit
 Provost Viking Veteran Unit
 Rich Gas Unit No. 1
 Ricinus Cardium Unit No. 1
 Ricinus Cardium Unit No. 2
 Rowley Belly River Gas Unit No. 1
 Rowley Pekisko Unit 1
 Snipe Lake Beaverhill Lake Unit No. 1
 South Edson Gas Unit No. 1
 South Elkton Unit No. 1
 South Mitsue Unit No. 1
 South Pembina Field Cardium Unit
 Strachan Leduc D-3 Gas Unit No. 1
 Sunchild Gas Unit No. 1
 Sundre Unit No. 1
 Sunset Triassic "A" Unit No. 1
 Swan Hills No. 1
 Waskahigan Dunvegan "A" Pool Unit
 Welling Bow Island Gas Unit # 1
 Whitecourt Gas Unit No. 1
 Wintering Hills Viking Gas Unit No. 1
 Wood River D-2A Unit

The following units were revised but Company Names, Unit Areas or Final Participation were not affected.

Aerial Ostracod Gas Unit No. 1

ACHESON LOWER CRETACEOUS UNIT NO. 1

Located in the Acheson Field

Unit Operator - Chevron Canada Resources

Initial Effective Date - 01 April 1962

Participation Revised - 01 October 1990

*Unitized Zone - Acheson Blairmore D Zone and/or Detrital Zone

*Unitized Substance - Gas and oil

Working Interest Owners

Per Cent Participation

Chevron Canada Resources

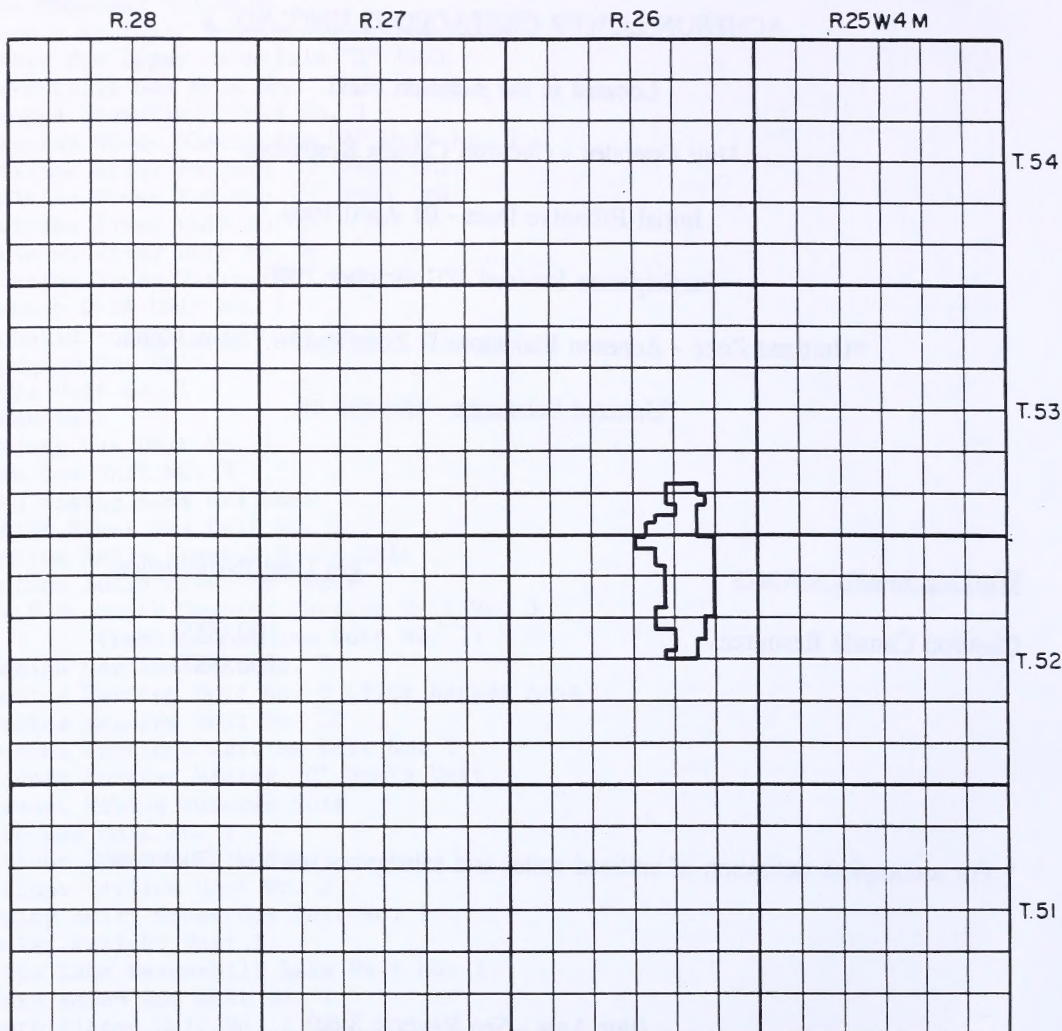
100.0000

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* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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Calgary, Alberta



ACHESON LOWER CRETACEOUS UNIT NO. 1

INITIAL EFFECTIVE DATE - 1 APRIL 1962

UNIT OPERATOR - CHEVRON CANADA RESOURCES

ERCB

ALEXIS BANFF A POOL UNIT

Located in the Alexis Field

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 01 October 1978

Participation Revised - 01 October 1990

*Unitized Zone - Banff "A" Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

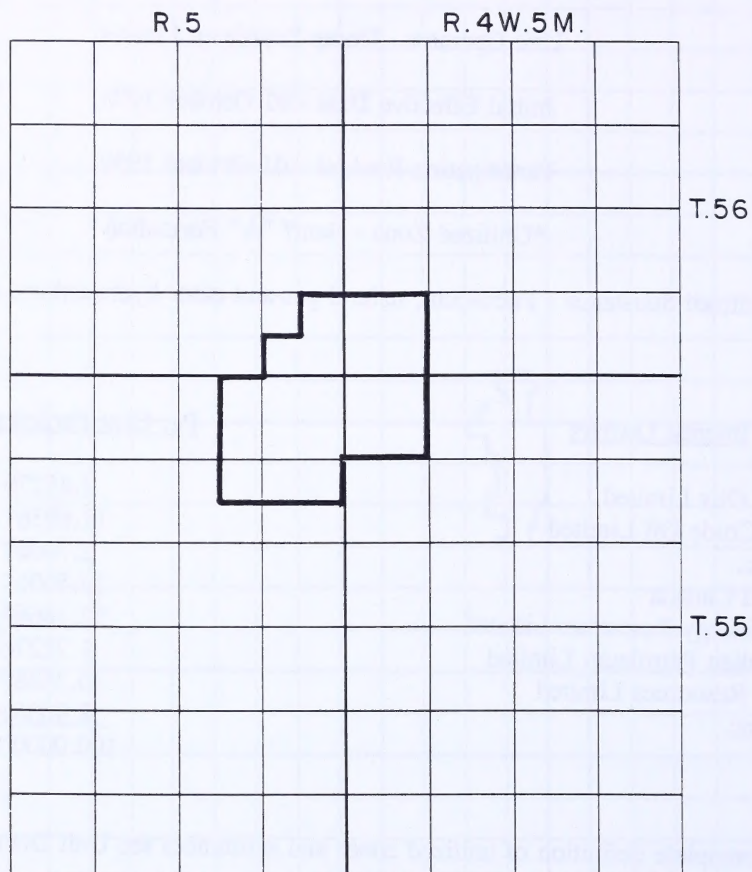
Per Cent Participation

Calcrude Oils Limited	3.45276
Calgary Crude Oil Limited	11.69361
Encor Inc.	2.19087
Mobil Oil Canada	19.50065
Norcen Energy Resources Limited	52.16665
PanCanadian Petroleum Limited	1.72276
Pembina Resources Limited	0.36889
Suncor Inc.	<u>8.90381</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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ALEXIS BANFF "A" POOL UNIT

INITIAL EFFECTIVE DATE - OCTOBER 1, 1978

UNIT OPERATOR — DOME PETROLEUM LIMITED

ANTELOPE GAS UNIT

Located in the Antelope Field

Unit Operator - Quasar Petroleum Ltd.

Initial Effective Date - 10 August 1976

Participation Revised - 08 November 1990

*Unitized Zone - Colony Formation

*Unitized Substance - Natural gas

Working Interest Owners

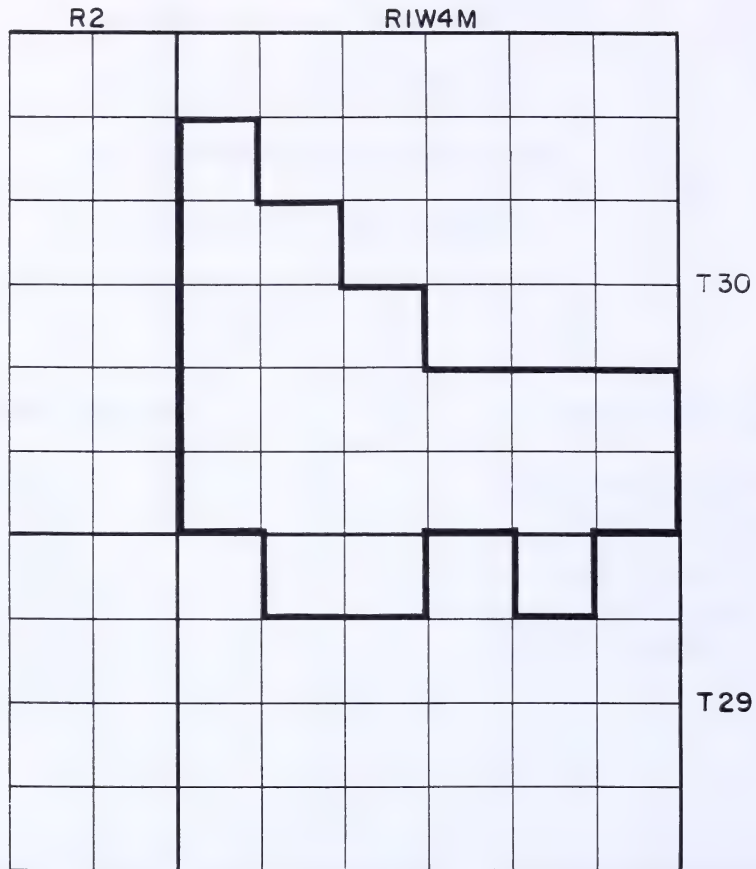
Per Cent Participation

Amoco Canada Resources Ltd.	3.12500
Canadian Jorex Limited	8.20313
Esso Resources Canada Limited	0.94770
Gulf Oil Canada Limited	4.73837
Many Islands Pipelines Limited	41.13117
Oakwood Petroleums Limited	39.95930
Suncor Inc.	<u>1.89533</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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ANTELOPE GAS UNIT

INITIAL EFFECTIVE DATE — AUGUST 10, 1976

UNIT OPERATOR — QUASAR PETROLEUMS LTD.

ARROWWOOD GAS UNIT NO. 1

Located in the Herronton Field

Unit Operator - Amoco Canada Resources Ltd.

Initial Effective Date - 01 July 1977

Participation Revised - 01 October 1990

*Unitized Zone - Basal Belly River Formation

*Unitized Substance - Gas

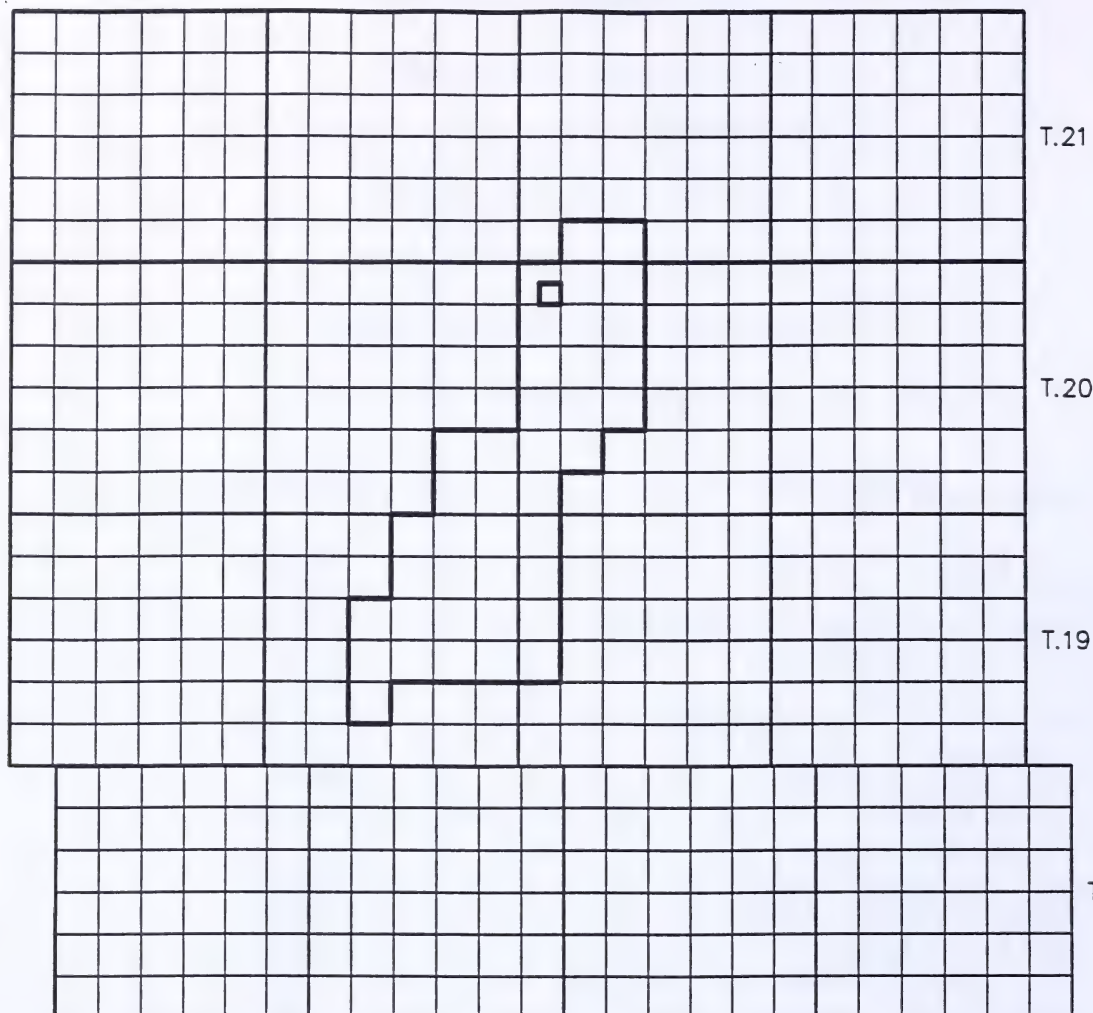
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Resources Ltd.	17.35923
Canadian Jorex Limited	1.42732
Canadian Western Natural Gas Company Ltd.	15.71618
Chauvco Resources Limited	0.31902
Drake Petroleum Ltd.	0.43374
Kiser-Francis Oil Company of Canada	26.07872
Lite Resources Ltd.	1.47097
Maligne Resources Limited	0.08491
Mobil Oil Canada	14.98670
Norpet Resources Limited	1.51796
North Canadian Oils Limited	12.84589
PanCanadian Petroleum Limited	0.81931
Randle Ranches Limited	1.80328
Scurry-Rainbow Oil Limited	1.20417
Southland Royalty Company	3.31902
Troy Oils Ltd.	0.28879
Vee Jay Oil Producers Inc.	<u>0.28879</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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R.24 W.4M.



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UNIT OPERATOR-AMOCO CANADA RESOURCES LTD.

BASHAW D-3A UNIT NO. 1

Located in the Bashaw Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 December 1977

Participation Revised - 01 October 1990

*Unitized Zone - Leduc Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Adanac Oil & Gas Limited	2.30735
American Leduc Petroleums Ltd.	4.89671
Amoco Canada Resources Ltd.	5.39064
Bellport Resources Ltd.	0.08253
Corvair Oils Ltd.	0.28040
Encor Energy Corporation Inc.	0.77009
Enerplus Resources Corporation	0.35215
Esso Resources Canada	3.28695
Gulf Canada Resources Limited	51.67216
Jerry Chambers Exploration Co.	0.10718
Patricia R. McLean	0.03230
NCE Oil & Gas (87-1) Ltd.	0.11953
Oakfern Petroleums Ltd.	1.15403
PanCanadian Petroleum Limited	23.46410
Passport Petroleums Ltd.	1.15332
Simmons Management Limited	<u>4.93056</u>
	100.00000

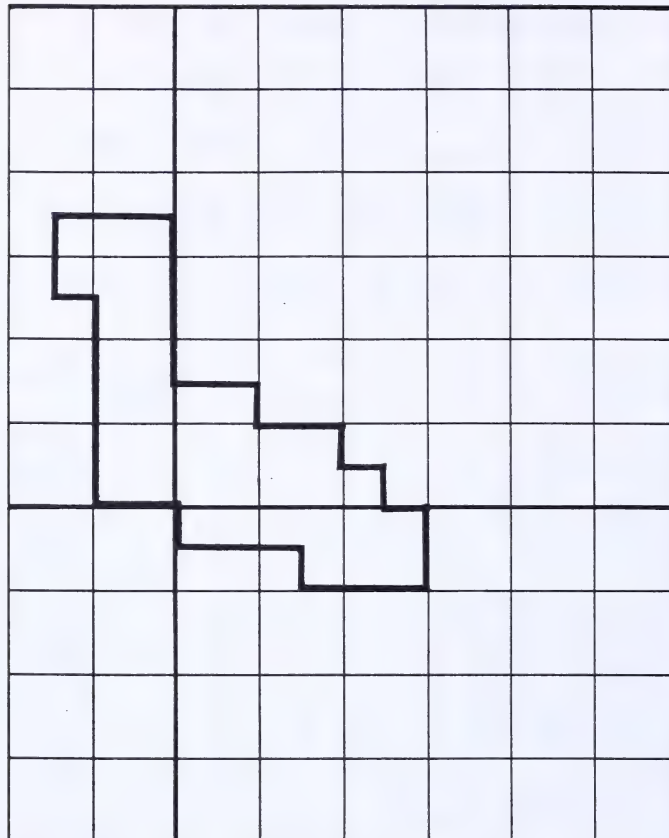
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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R.23

R.22 W.4 M.



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BASHAW D-3A UNIT NO.1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1977

UNIT OPERATOR - GULF CANADA RESOURCES LIMITED

BIGORAY NISKU "A" UNIT NO. 1

Located in the Bigoray Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 01 April 1983

Participation Revised - 01 November 1990

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	32.0891
Amoco Canada Resources Ltd.	5.6238
Canadian Occidental Petroleum Ltd.	13.7525
Esso Resources Canada	4.5842
Felmont Oil Corporation	5.6238
Norcen Energy Resources Limited	26.2977
Pension Fund Energy Resources Limited	7.4447
Petro-Canada Inc.	<u>4.5842</u>
	100.0000

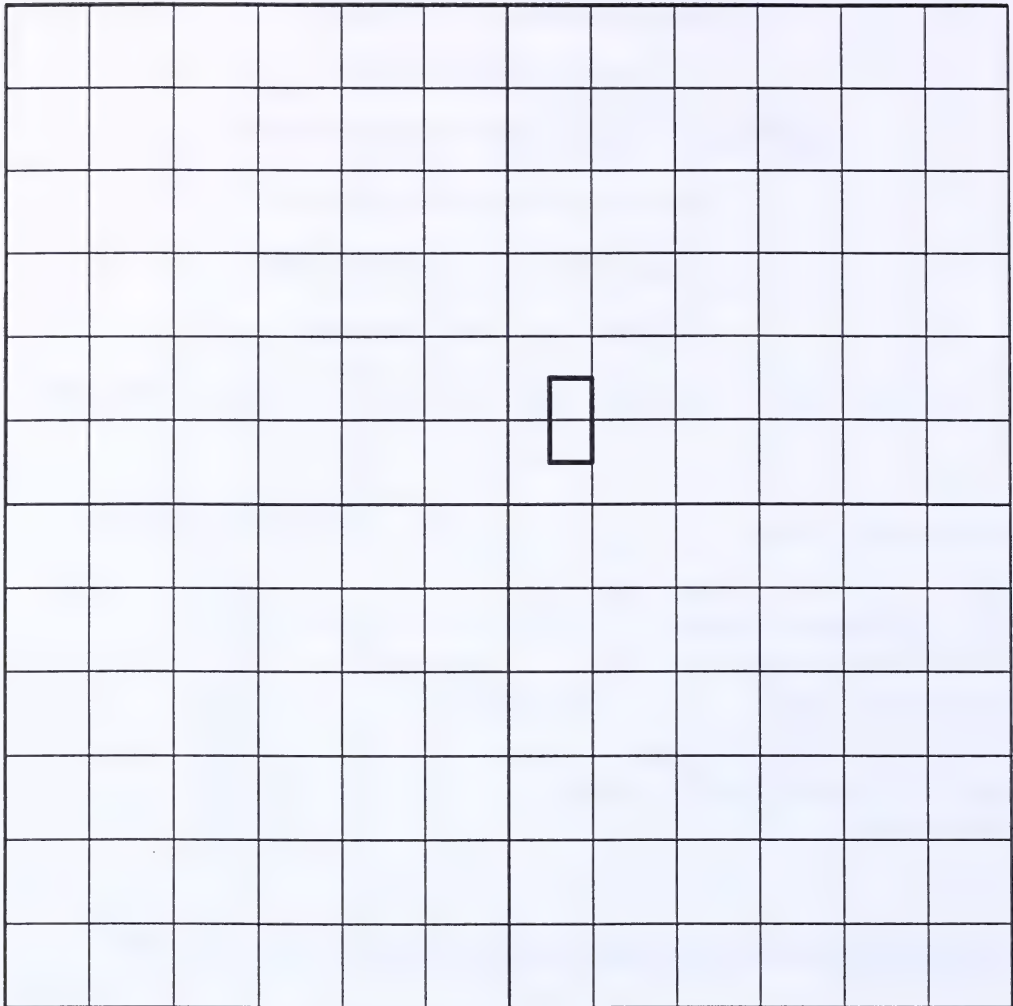
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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R.9

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T.52

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BIGORAY NISKU A POOL UNIT NO.1



INITIAL EFFECTIVE DATE- 1 APRIL 1983

UNIT OPERATOR-AMOCO CANADA PETROLEUM COMPANY LTD.

BLOOD BOW ISLAND A GAS UNIT NO. 1

Located in the Blood Field

Unit Operator - Pacific Cassiar Limited

Initial Effective Date - 01 June 1988

Participation Revised - 01 December 1990

*Unitized Zone - Bow Island Formation

*Unitized Substance - Petroleum, natural gas and related hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Juniper Holdings	7.59
Pacific Cassiar Limited	73.59
Rampage Holdings Limited	7.77
Steen Enterprises Inc.	0.76
Venture Resources Limited	7.08
291105 Alberta Limited	<u>3.21</u>
	100.00

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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R.22W.4M.

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	23	24	25
18	17	16		14	13
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6	5	4	3	2	

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BLOOD BOW ISLAND A GAS UNIT NO.1



INITIAL EFFECTIVE DATE-1 JUNE 1988

UNIT OPERATOR- PACIFIC CASSIAR LIMITED

BOUNDARY LAKE SOUTH TRIASSIC E POOL UNIT

Located in the Boundary Lake South Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 01 April 1972

Participation Revised - 01 October 1990

*Unitized Zone - Triassic Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

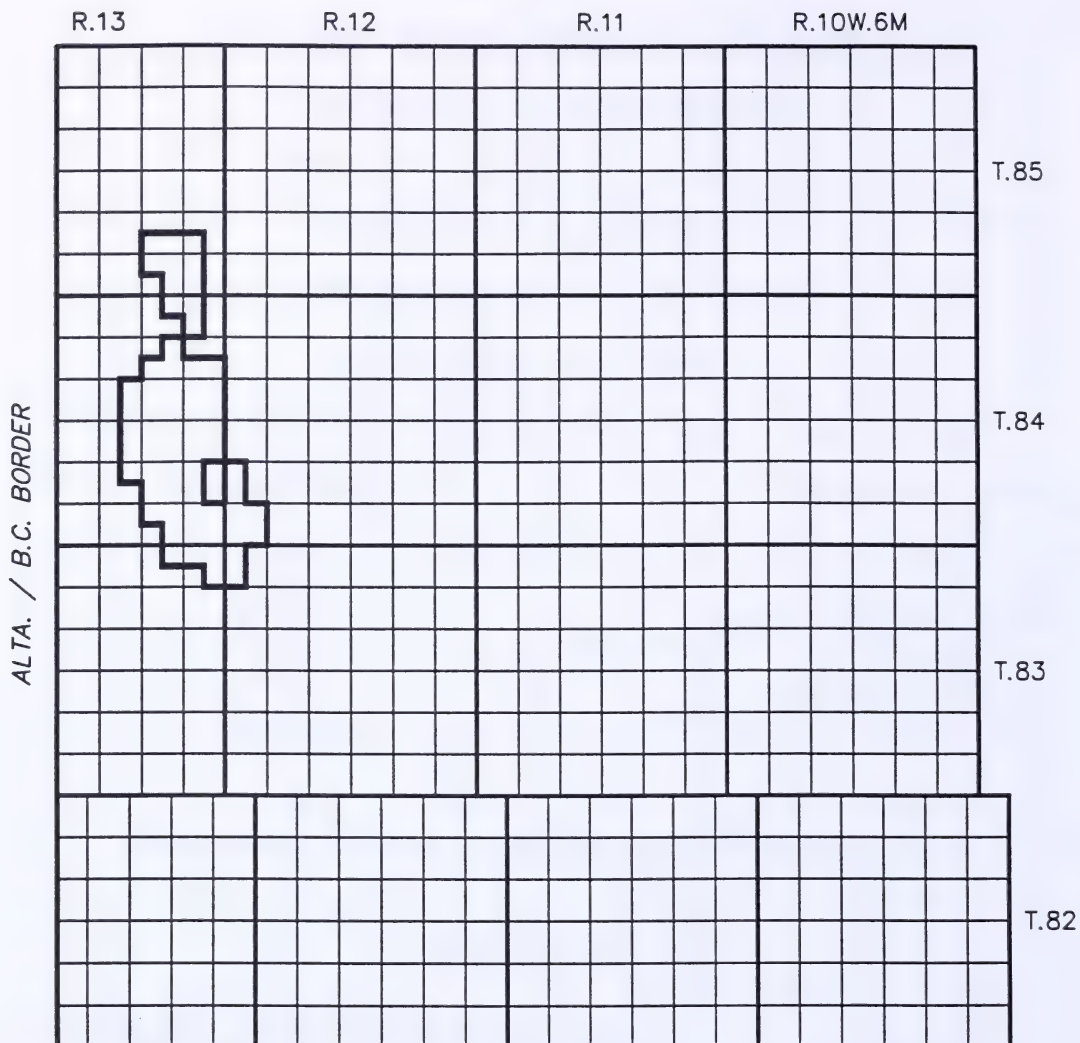
Per Cent Participation

Black Cat Oil & Gas Ltd.	0.310002
Canadian Roxy Petroleum Ltd.	0.848673
Esso Resources Canada Limited	41.247585
Lasmo Canada Inc.	56.181513
Sterling Capital Group Ltd.	0.034444
Wintershall Oil of Canada Limited	<u>1.377783</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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BOUNDARY LAKE SOUTH TRIASSIC E POOL UNIT **ERCB**

INITIAL EFFECTIVE DATE- 1 APRIL 1972

UNIT OPERATOR-ESSO RESOURCES CANADA LIMITED

BRAZEAU RIVER GAS UNIT NO. 1

Located in the Brazeau River Field

Unit Operator - Gulf Canada Frontier Exploration Limited

Initial Effective Date - 01 November 1973

Participation Revised - 01 October 1990

*Unitized Zone - Turner Valley and Shunda Formations

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	0.92000
Amoco Canada Resources Ltd.	3.98615
Ausquacan Energy Ltd.	0.92000
Cangild Resources Ltd.	0.09200
Corexcana Ltd.	0.72618
Discovery West Corp.	0.92000
Gulf Canada Frontier Exploration Limited	21.52755
Gulf Canada Resources Limited	21.80689
Harvard International Resources Ltd.	1.54081
Home Oil Company Limited	2.05444
Mobil Oil Canada	21.52754
New York Oils Limited	0.55200
Pembina Resources Limited	2.91702
Restech Canada Holdings Limited	0.27600
Shell Canada Limited	15.27501
Southland Royalty Company	0.92000
Southmark Acquisitions Canada Ltd.	0.27600
Spruce Hills Production Company, Inc.	0.68080
Total Petroleum (Canada) Ltd.	<u>3.08161</u>
	100.00000

*For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See reverse Side)

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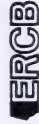
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BRAZEAU RIVER GAS UNIT NO. 1

INITIAL	EFFECTIVE DATE -	1	NOVEMBER	1973

UNIT OPERATOR - GULF CANADA FRONTIER EXPLORATION LIMITED



BUFFALO LAKE (D-3) UNIT

Located in the Buffalo Lake Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 December 1967

Participation Revised - 01 October 1990

*Unitized Zone - Leduc D-3 Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

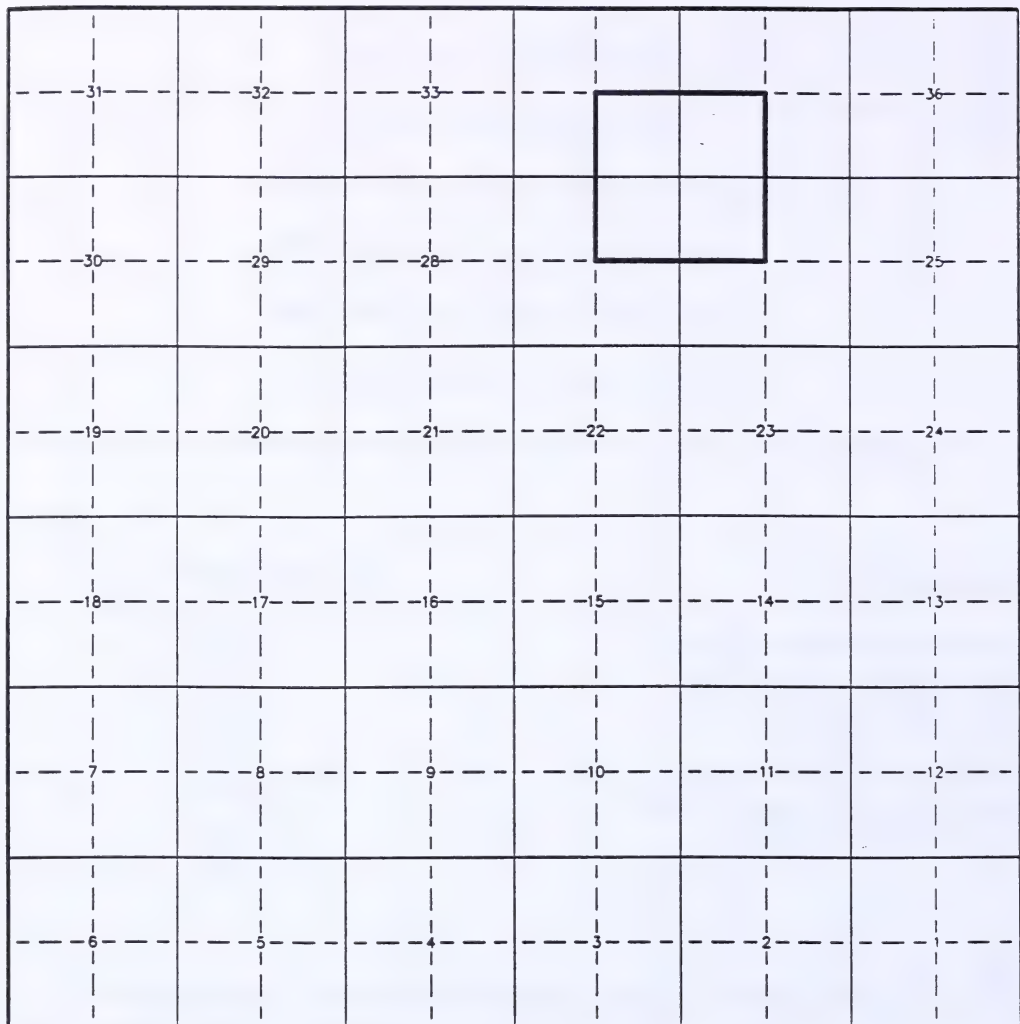
Per Cent Participation

American Eagle Petroleum Ltd.	6.87501
Encor Energy Corporation Inc.	2.29167
Gulf Canada Resources Limited	24.99998
Hunt Oil Company	5.00000
Inter-Rock Oil Co. of Canada	2.08333
Norcen Energy Resources Limited	6.24999
RTEC One Resources Inc.	<u>52.50002</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



T.39

BUFFALO LAKE (D-3) UNIT

INITIAL EFFECTIVE DATE- 1 DECEMBER 1967

UNIT OPERATOR-GULF CANADA RESOURCES LIMITED

ERCB

CALGARY BASAL QUARTZ UNIT NO. 1

Located in the Crossfield Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 01 September 1966

Participation Revised - 01 December 1990

*Unitized Zone - Basal Quartz Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

BP Resources Canada Limited	0.08714
Canadian Occidental Petroleum Ltd.	38.84188
Enerplus Resources Canada Limited	4.44224
Esso Resources Canada Limited	2.93496
Mobil Oil Canada	37.73176
Norcen Energy Resources Limited	0.77277
Scurry-Rainbow Oil Ltd.	0.96945
Trek Energy Inc.	0.44359
Wilshire Oil Of Canada, Ltd.	0.38638
356452 Alberta Ltd.	<u>13.38983</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.28 W.4 M.



ERCB

UNIT OPERATOR — CANADIAN OCCIDENTAL PETROLEUM LTD.

CALGARY CROSSFIELD UNIT NO. 1

Located in the Crossfield Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 01 December 1961

Participation Revised - 01 December 1990

*Unitized Zone - Crossfield Formation

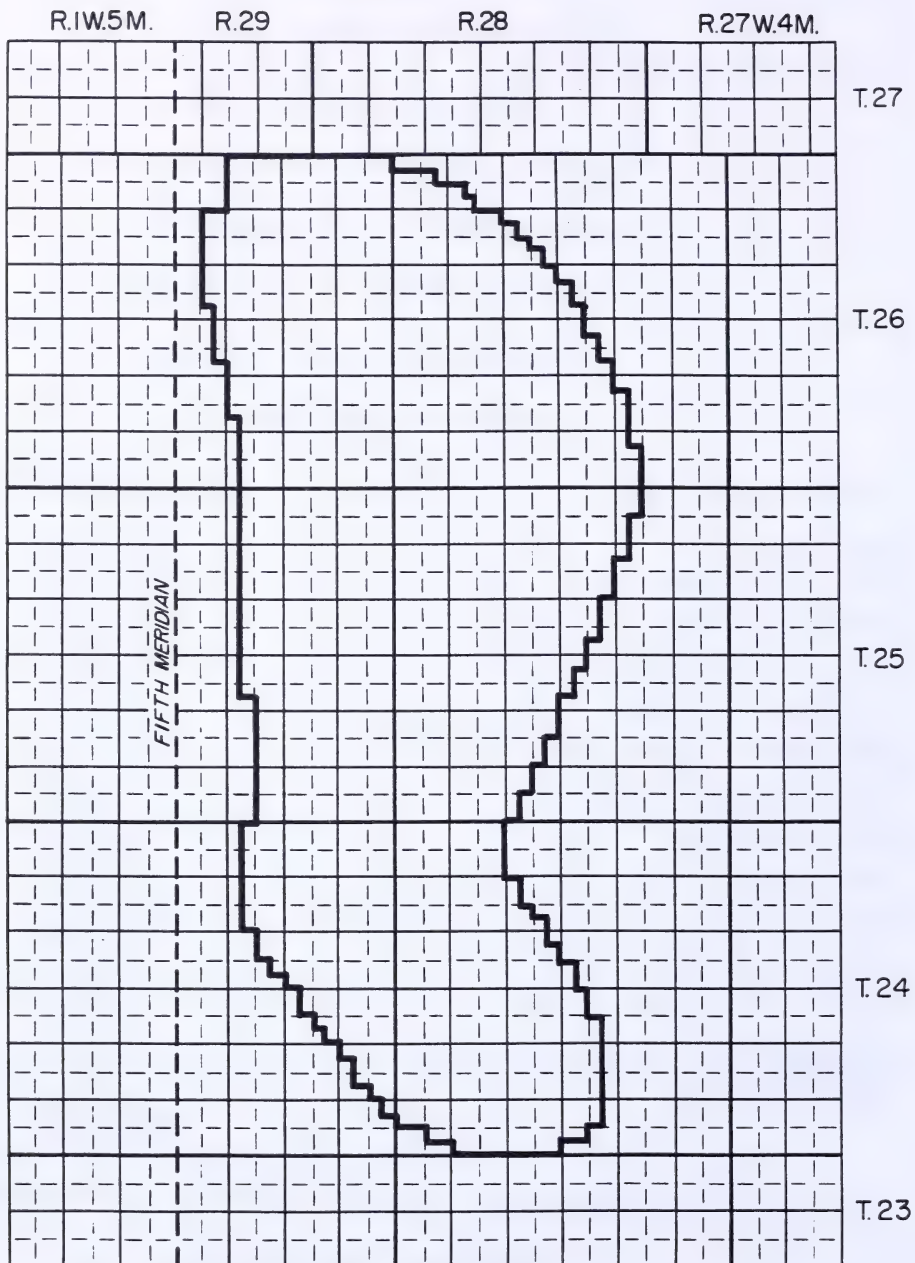
*Unitized Substance - Natural Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Barlow Bros. Ltd.	0.0025568
BP Resources Canada Ltd.	2.4220078
Camelot Minerals Ltd.	0.0982282
Canadian Occidental Petroleum Ltd.	37.7826283
Enerplus Resources Corporaton	4.4523643
Esso Resources Canada	0.2194921
Esso Resources Canada Limited	1.6332109
Gulf Canada Limited	1.2767785
Home Oil Company Limited	0.5976090
Janval Oil Company	0.4648878
Jethro Development Ltd.	0.0018857
Mobil Oil Canada	37.1283390
Norcen Energy Resources Limited	3.5851937
Norpet Oil and Gas Ltd.	0.1886417
Petroterra Natural Resources Ltd.	0.3836986
Scurry-Rainbow Oil Limited	2.1884833
Wilshire Oil of Canada, Ltd.	1.0842725
356452 Alberta Ltd.	<u>6.4897218</u>
	100.0000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CALGARY CROSSFIELD UNIT NO.1



INITIAL EFFECTIVE DATE - 1 DECEMBER 1961

UNIT OPERATOR - CANADIAN OCCIDENTAL PETROLEUM LTD.

CARROT CREEK CARDIUM "D" POOL UNIT NO.1

Located in the Carrot Creek Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 01 April 1988

Participation Revised - 01 November 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Petroleum Company Ltd.	64.224665
APL Oil & Gas Ltd.	10.383087
Chauvco Oil & Gas Ltd.	1.182860
Esso Resources Canada	14.218431
Lanka Exploration Ltd.	0.085803
Mosswood Oil & Gas Ltd.	1.182860
Phillips Petroleum Resources, Ltd.	6.428818
Precambrian Shield Resources Limited	<u>2.293476</u>
	100.000000

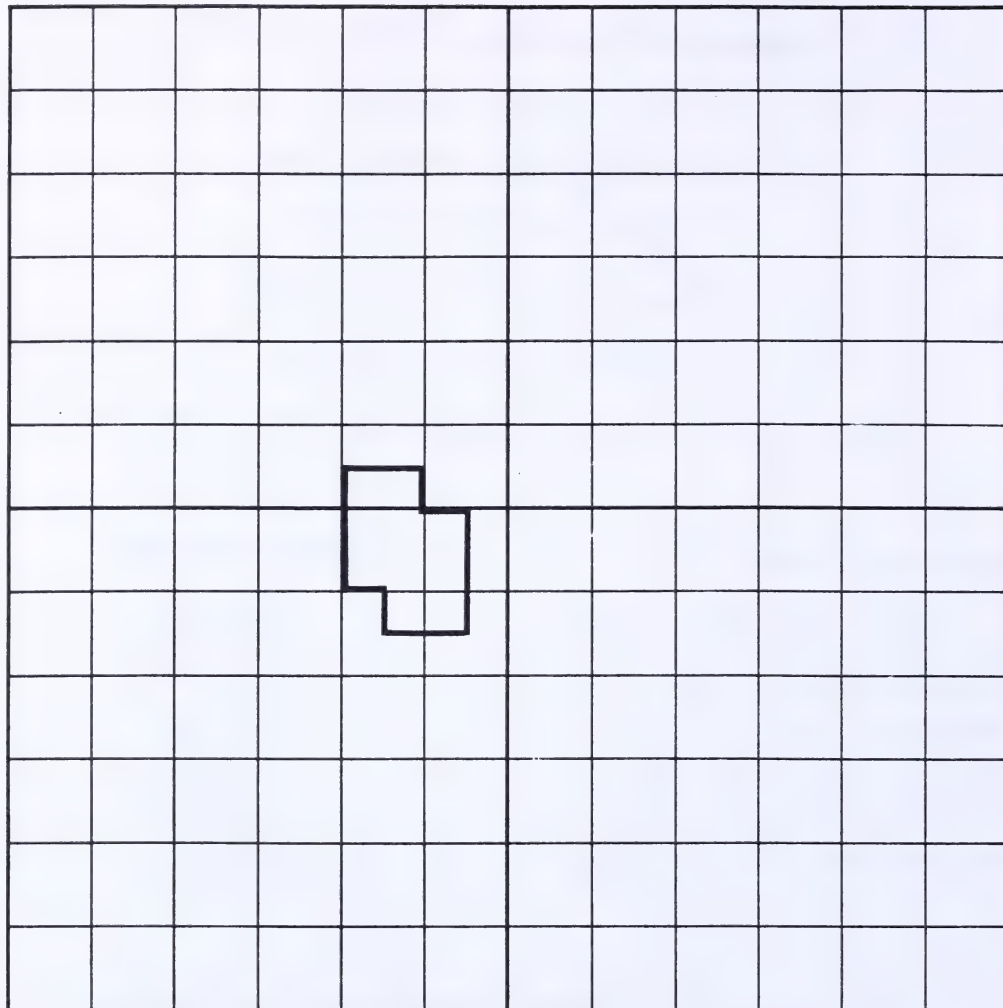
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.13

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CARROT CREEK CARDIUM 'D' POOL UNIT NO.1



INITIAL EFFECTIVE DATE - 1 APRIL 1988

UNIT OPERATOR- AMOCO CANADA PETROLEUM COMPANY LTD.

CARROT CREEK CARDIUM D SOUTH UNIT

Located in the Carrot Creek Field

Unit Operator - Ultramar Oil and Gas Canada Limited

Initial Effective Date - 01 December 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Eagle Petroleum Ltd.	4.0012
Amoco Canada Resources Ltd.	
Dome Petroleum Limited	4.7602
Hudson's Bay Oil & Gas Company Ltd.	9.5174
Bonanza Energy (1989) Ltd.	3.0009
Chauvco Oil & Gas Ltd.	18.8084
Conwest Exploration Company Limited	1.1334
Eagle Resources Ltd.	4.1671
Encor Energy Corporation Inc.	3.2637
Enerplus Resources Corporation	12.7864
Esso Resources Canada	6.4376
G.W. Phillips and Associates Ltd.	0.0663
Lambda Resources Ltd.	0.5965
Lanka Exploration Ltd.	0.8023
Mosswood Oil & Gas Ltd.	2.6509
Novalta resources Inc.	7.2403
Opinac Acquisition Corporation	3.0009
Paragon Petroleum Limited	7.9741
Phillips Petroleum Resources Ltd.	4.5335
Precambrian Shield Resources Limited	<u>5.2589</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.13

R.12W.5M.

34	35	36	31	32	33
27	26			29	28
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CARROT CREEK CARDIUM D SOUTH UNIT

INITIAL EFFECTIVE DATE-1 JULY 1988

UNIT OPERATOR-ULTRAMAR OIL AND GAS CANADA LIMITED

CESSFORD UNIT NO. 2

Located in the Cessford Field

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 01 May 1964

Participation Revised - 01 November 1990

*Unitized Zone - Basal Colorado and Blairmore Formations

*Unitized Substance - Crude oil

Working Interest Owners

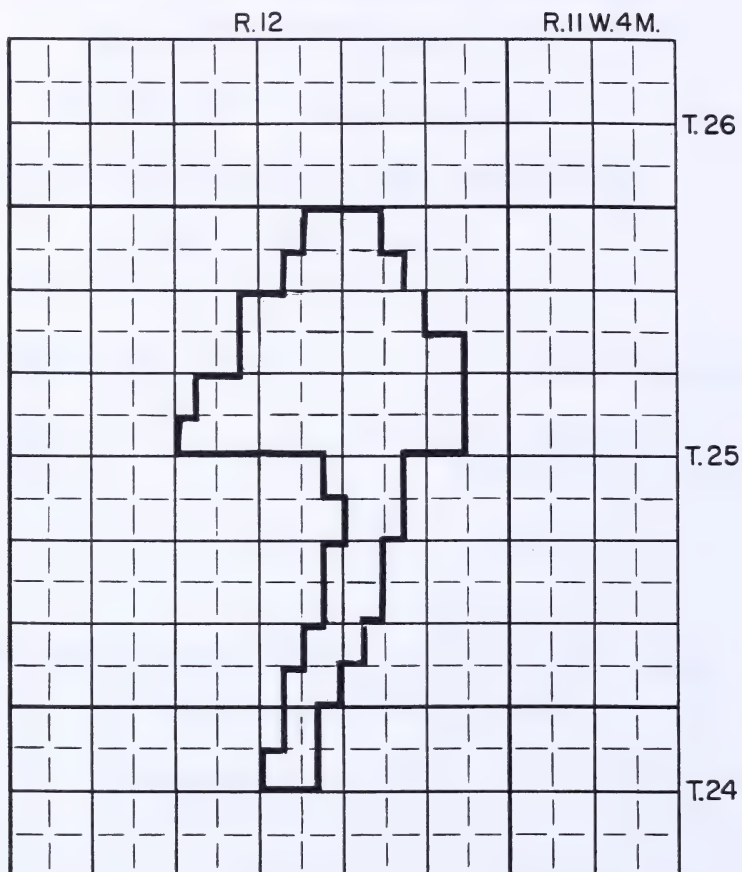
Per Cent Participation

Amoco Canada Resources Ltd.	45.8996
Esso Resources Canada Limited	<u>54.1004</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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Calgary, Alberta



CESSFORD UNIT NO. 2

INITIAL EFFECTIVE DATE - MAY 1, 1964

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

AREA OF CHANGE EFFECTIVE FEBRUARY 1, 1966 - 

CALGARY ELKTON UNIT NO. 1

Located in the Crossfield Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 01 December 1961

Participation Revised - 01 December 1990

*Unitized Zone - Elkton Formation

*Unitized Substance - Natural gas

Working Interest Owners

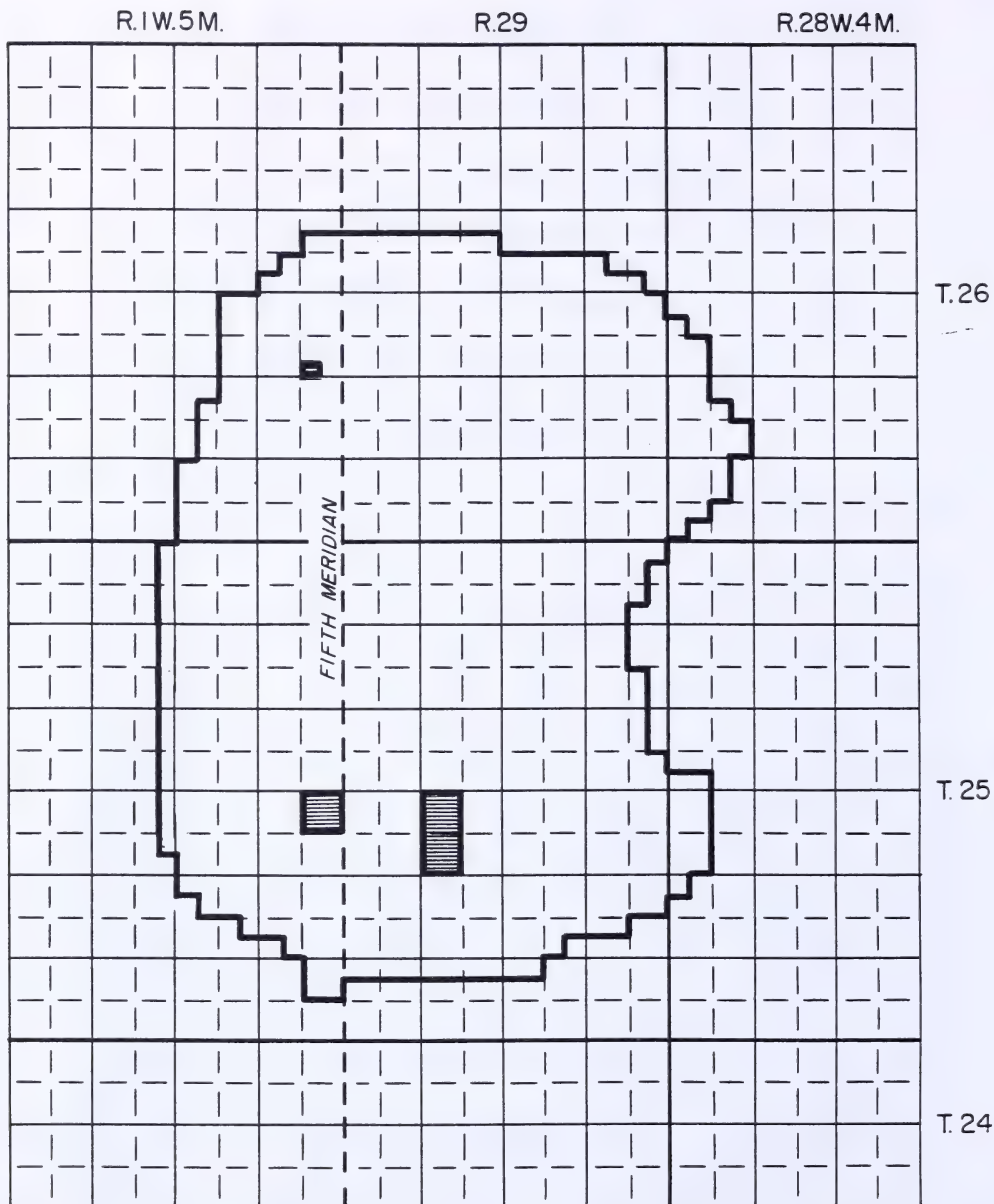
Per Cent Participation

Barlow Development Ltd.	0.4662358
BP Resources Canada Limited	2.4270513
Calgary Western Investment Company Ltd.	0.0367252
Camelot Minerals Ltd.	0.2066155
Canadian Occidental Petroleum Ltd.	24.3667011
City of Calagary	0.0267744
Enerplus Resources Corporation	7.6793503
Esso Resources Canada	0.9795245
Esso RResources Canada Limited	0.7939546
Gulf Canada Resources Limited	2.5281610
Home Oil company Limited	5.1020386
Husky Oil Operations Ltd.	0.0150208
Jethro Development Ltd.	0.3438484
Mobil Oil Canada	25.0768656
Norcen Energy Resources Limited	5.3001602
Norpet Resources Limited	0.0416611
PanCanadian Petroleum Limited	0.0503373
Scurry-Rainbow Oil Limited	0.6816647
Shell Canada Limited	0.7097412
Unocal Canada Resources	1.4522454
Wilshire Oil of Canada, Ltd.	2.0765663
33916 Alberta Ltd.	0.2359119
356452 Alberta Ltd.	<u>19.4028448</u>
	100.0000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

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Calgary, Alberta



CALGARY ELKTON UNIT NO.1



INITIAL EFFECTIVE DATE - 1 DECEMBER 1961

UNIT OPERATOR- CANADIAN OCCIDENTAL PETROLEUM LTD

SEE UNIT AGREEMENT FOR DETAILS 

CHARRON GAS UNIT NO. 1

Located in the Charron Field

Unit Operator - Novalta Resources Inc.

Initial Effective Date - 01 February 1978

Participation Revised - 01 November 1990

*Unitized Zone - Mannville Zone and Grosmont Zone

*Unitized Substance - Gas

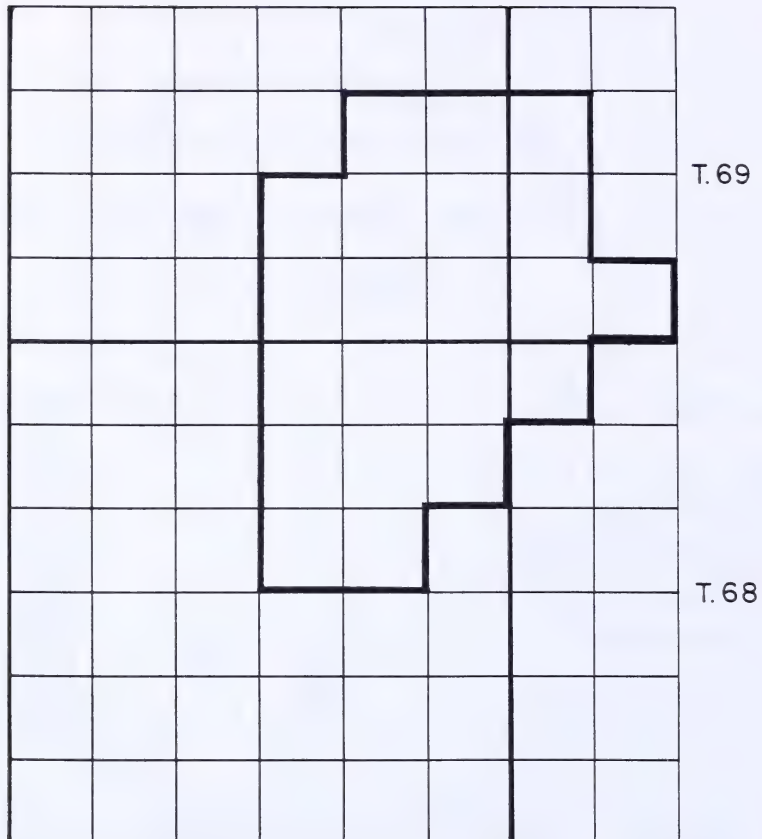
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	33.4880
Dorset Exploration Ltd.	3.5557
Encor Energy Corporation	2.6078
Gulf Canada Resources Limited	10.1048
Inverness Petroleum Ltd.	4.0291
Novalta Resources Inc.	29.5077
Pencor	2.0146
Sceptre Resources Limited	<u>14.6923</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 15 W. 4 M.



INITIAL EFFECTIVE DATE - FEBRUARY 1, 1978

UNIT OPERATOR - NOVALTA RESOURCES LTD.

CHAUVIN SOUTH SPARKY UNIT NO. 2

Located in the Chauvin South Field

Unit Operator - BP Exploration Canada Limited

Initial Effective Date - 01 January 1971

Participation Revised - 01 July 1977

*Unitized Zone - Sparky Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

BP Exploration Canada Limited

100.00

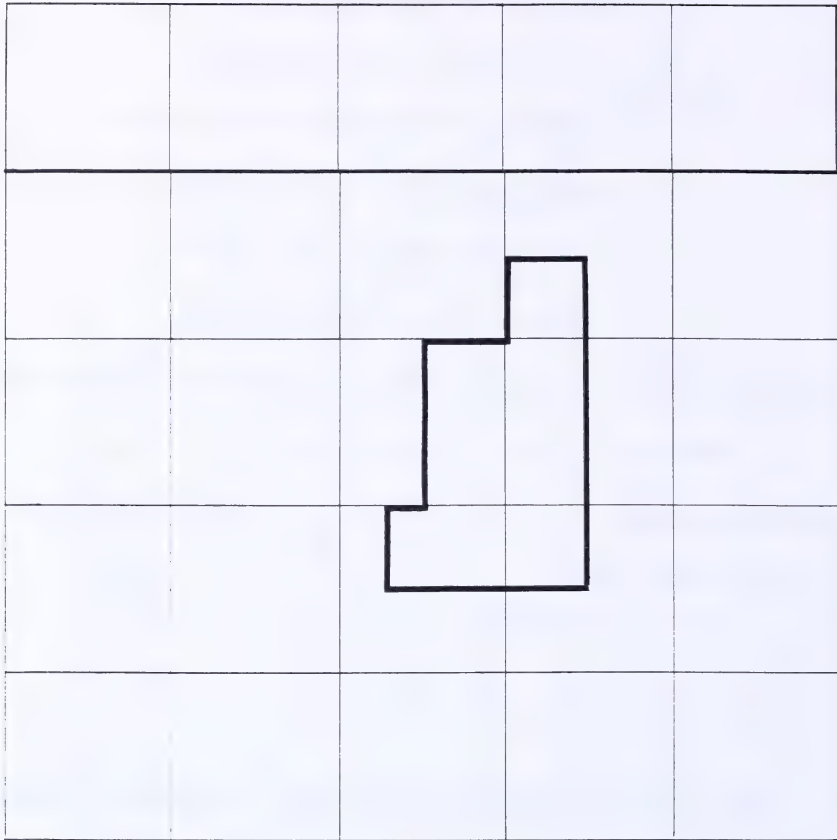
100.00

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.2W4M



T43

T42

CHAUVIN SOUTH SPARKY UNIT NO. 2

INITIAL EFFECTIVE DATE — JANUARY 1, 1971

UNIT OPERATOR — B.P. EXPLORATION CANADA LIMITED

CHAUVIN SOUTH SPARKY UNIT NO. 4

Located in the Chauvin Field

Unit Operator - BP Resources Canada Limited

Initial Effective Date - 01 December 1990

*Unitized Zone - Sparky Formation

*Unitized Substance - Petroleum Substances

Working Interest Owners

Per Cent Participation

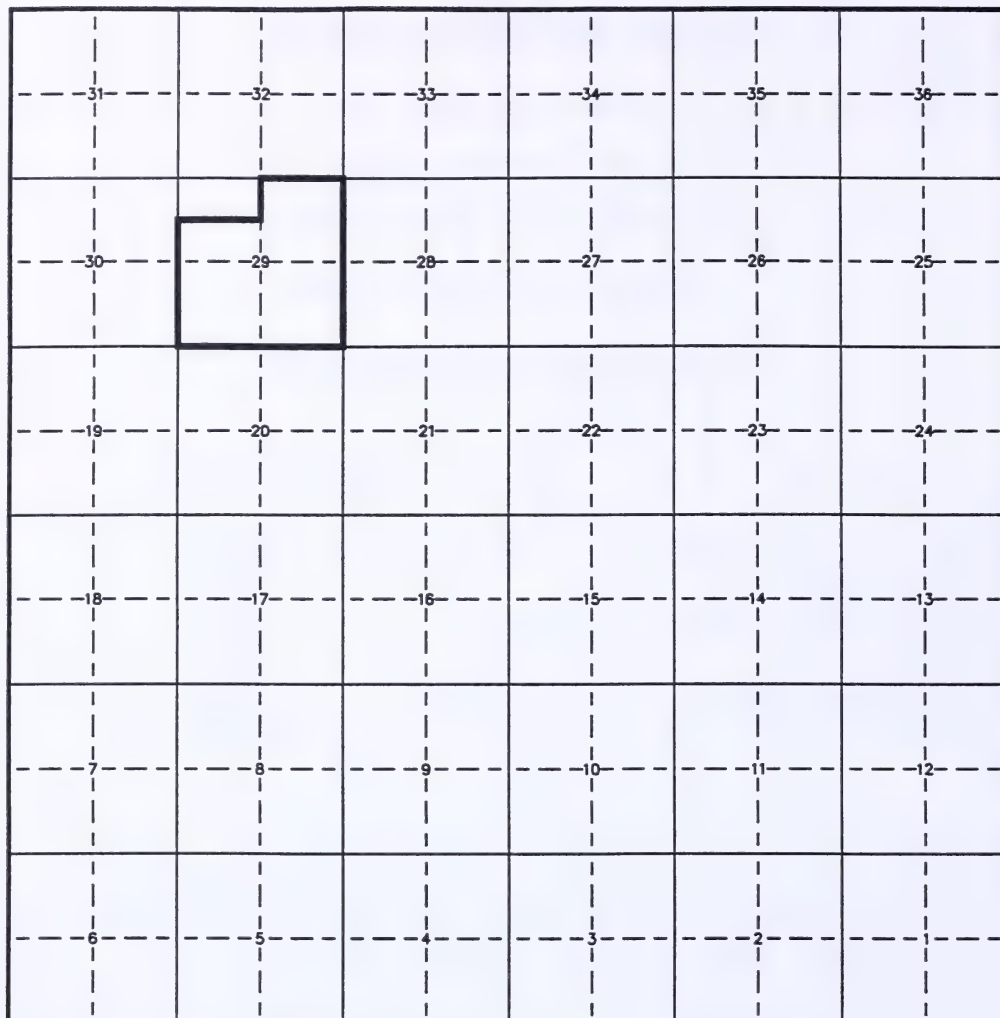
BP Resources Canada Limited	52.294
Chauvco Resources Limited	8.560
Coldstream Energy Limited	1.306
Saskoil Resources Inc.	8.716
Summit Resources Limited	2.976
Tripet Resources Limited	<u>26.148</u>
	100.000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.2W.4M.



T.42

CHAUVIN SOUTH SPARKY UNIT NO.4

INITIAL EFFECTIVE DATE- 1 DECEMBER 1990

UNIT OPERATOR-BP RESOURCES CANADA LIMITED



CHERHILL UNIT NO. 2

Located in the Cherhill Field

Unit Operator - Prairie Oil Royalties Company Ltd.

Initial Effective Date - 01 August 1990

*Unitized Zone - Nordegg Formation/Clarke's Member

*Unitized Substance - Gaseous Substances

Working Interest Owners

Per Cent Participation

Esso Resources Canada	19.569
Phillips Petroleum Canada Ltd.	19.569
Prairie Oil Royalties Company Ltd.	<u>60.862</u>
	100.000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.5 W.5M.

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1

T.55

CHERHILL UNIT NO.2



INITIAL EFFECTIVE DATE— 1 AUGUST 1990

UNIT OPERATOR—PRAIRIE OIL ROYALTIES COMPANY LTD.

CHIGWELL VIKING B UNIT

Located in the Chigwell Field

Unit Operator - Ladd Exploration Company

Initial Effective Date - 01 November 1978

Participation Revised - 01 October 1990

*Unitized Zone - Viking B Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

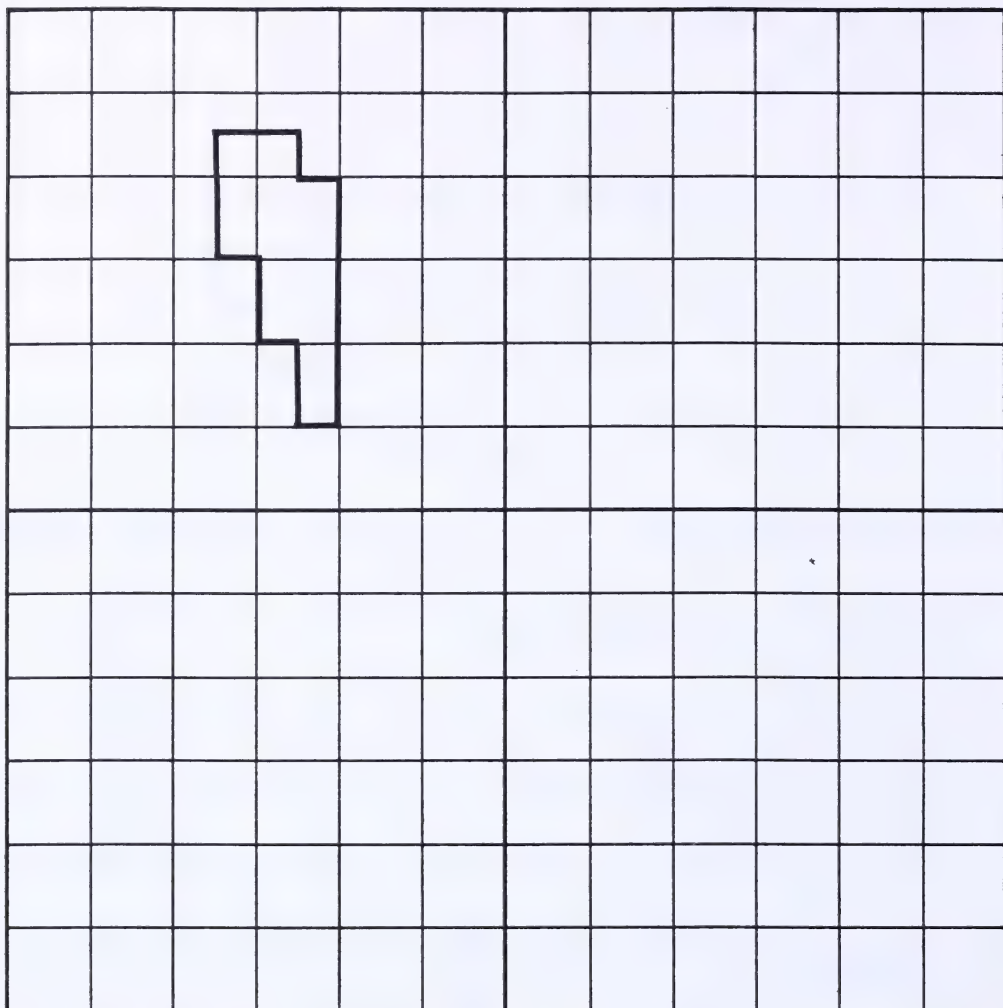
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	5.5341
Canadian Jorex Limited	30.0894
Canadian Occidental Petroleum Ltd.	2.2048
Dasher Resources Ltd.	3.7611
Esso Resources Canada	18.5552
Ladd Exploration Company	25.6800
New York Oils Limited	15.0447
Norwich Resources Canada Ltd.	5.5341
202118 Petroleums Ltd.	1.1191
217915 Oil & Gas Ltd.	7.5222
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.24 W.4 M.



T.41

T.40

ERC

INITIAL EFFECTIVE DATE - 1 NOVEMBER 1978
UNIT OPERATOR - LADD EXPLORATION COMPANY

CLIVE D-2 UNIT NO. 1

Located in the Clive Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date 01 September 1970

Participation Revised - 01 December 1990

*Unitized Zone - Nisku Formation

*Unitized Substance - Gas Cap gas, oil and solution gas

Working Interest Owners

Per Cent Participation

	<u>Oil Interests</u>	<u>Gas Interests</u>
Acquifund Resources Limited	0.11099	1.31171
Adeco Drilling and Engineering Co. Ltd.	0.71445	0.52328
Amoco Canada Petroleum Company Ltd.	23.03974	21.57592
Amoco Canada Resources Ltd.	3.61371	1.86332
Bow Valley Industries Ltd.	0.05158	0.37564
Canadian Occidental Petroleum Ltd.	2.57277	4.92330
Gulf Canada Frontier Exploration Limited	10.82213	11.41354
Gulf Canada Resources Limited	21.449822	0.98325
J.M. Huber Corporation	1.41080	1.13520
Kerr-McGee Canada Ltd.	4.92960	0.47885
Lambda Resources Ltd.	0.00055	0.01406
Leddy Exploration Limited	0.01605	0.44521
R.W. McMahon	0.01302	0.07130
Mobil Oil Canada	23.39667	25.89157
Montclair Oil Ltd.	0.02187	0.01735
Northern Development Company Limited	0.11232	-
Norwest Oil & Gas Corp.	0.23815	0.17442

Working Interest OwnersPer Cent Participation

	<u>Oil Interests</u>	<u>Gas Interests</u>
PanCanadian Petroleum Limited	0.26360	-
Pennzoil Petroleums Ltd.	1.09346	0.86778
Petro-Canada Inc.	2.82887	1.93148
Petroleum International Inc.	0.0135	0.13503
Sabre Energy Ltd.	0.05664	1.49683
Sask Oil & Gas Limited	0.05158	0.37564
E.J. Schemerhorn	0.01476	0.00891
Southland Royalty Company**	1.88440	0.44850
Star Oil and Gas Ltd.	0.95300	0.24090
R.C. Stratford	0.15308	0.12150
Texas Crude Oil Company	0.01404	-
Westair Resources Ltd.	0.03232	0.28449
Zorayda Oil Co. Ltd.	0.04327	0.85348
<u>Tract 113</u>		
R.W. McMahon	0.02565	0.67791
Petroleum International Inc.	<u>0.05130</u>	<u>1.35583</u>
	100.00000	100.00000

**Agent is Meridian Oil Inc.

*For a complete definition of unitized zone and substance see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R23W4M



CLIVE D-3A UNIT NO. 1

Located in the Clive Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 September 1970

Participation Revised - 01 December 1990

*Unitized Zone - Leduc Formation

*Unitized Substance - Gas cap gas, oil and solution gas

Working Interest Owners

Per Cent Participation

	<u>Oil Interests</u>	<u>Gas Interests</u>
Acquifund Resources Limited	2.22236	2.08079
Adeco Drilling and Engineering Co. Ltd.	0.56813	-
Amoco Canada Petroleum Company Ltd.	13.02200	21.44857
Amoco Canada Resources Ltd.	3.12345	5.32490
Bow Valley Industries Ltd.	0.86775	0.41285
Canadian Occidental Petroleum Ltd.	4.19939	6.99257
Corvair Oils Ltd.	0.24061	0.11512
Gulf Canada Frontier Exploration Limited	8.14628	7.12407
Gulf Canada Resources Limited	18.32569	18.43987
J.M. Huber Corporation	4.44650	-
Kerr-McGee Corporation	10.31225	0.72910
Lambda Resources Ltd.	0.07841	0.01741
Leddy Exploration Limited	0.26632	0.77043
R.W. McMahon	0.21774	0.11833
Mobil Oil Canada	18.50710	20.07547
Montclair Oil Ltd.	0.01244	0.06642
Norcen Energy Resources Limited	0.26158	0.05625
Northern Development Company Limited	0.33344	0.21312
Norwest Oil & Gas Corp.	0.18937	-
Passport Petroleums Ltd.	0.08217	0.00299
PanCanadian Petroleum Limited	1.54830	-
Pennzoil Petroleums Ltd.	0.62200	3.32137
Petro-Canada Inc.	1.68730	2.05331
Petroleum International Inc.	0.27144	0.23069

Working Interest OwnersPer Cent Participation

	<u>Oil Interests</u>	<u>Gas Interests</u>
Raeson Investments Ltd.	0.08017	0.03837
Sabre Energy Ltd.	0.84371	2.58645
Sasko Oil & Gas Ltd.	0.69336	0.37535
E.J. Schermerhorn	0.19306	0.00702
Southland Royalty Company***	3.34480	0.71085
Star Oil & Gas Ltd.	1.63452	0.78261
R.C. Stratford	0.08708	0.46500
Texas Crude Oil Company	0.04168	0.02664
Jack Wahl	0.14533	0.03125
Westair Resources Ltd.	1.50223	0.39731
Zorayda Oil Co. Ltd.	0.73570	1.47132
<u>Tract 113</u>		
R.W. McMahon	0.38211	1.17140
Petroleum International Inc.	<u>0.76423</u>	<u>2.34280</u>
	100.00000	100.00000

**Agent is Meridian Oil Ltd.

*For a complete definition of unitized zone and substance see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.23W 4M



CRYSTAL VIKING UNIT NO. 1

Located in the Crystal Field

Unit Operator - Westcoast Petroleum Ltd.

Initial Effective Date - 01 April 1984

Participation Revised - 01 September 1990

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Petroleum Company Ltd.	3.476389
Amoco Canada Resources Ltd.	3.476390
Conoco Canada Ltd.	12.424678
Mark Resources Inc.	15.044847
Ocelot Industries Ltd.	3.032109
RTEC One Resources Inc.	10.383100
Royal Trust Energy Corporation	5.419665
Westcoast Petroleum Ltd.	44.742837
1990 Master/NCE Oil & Gas Income Fund by its General	
Partner Master/NCE Oil & Gas management (1990) Corp.	<u>1.999985</u>
	100.000000

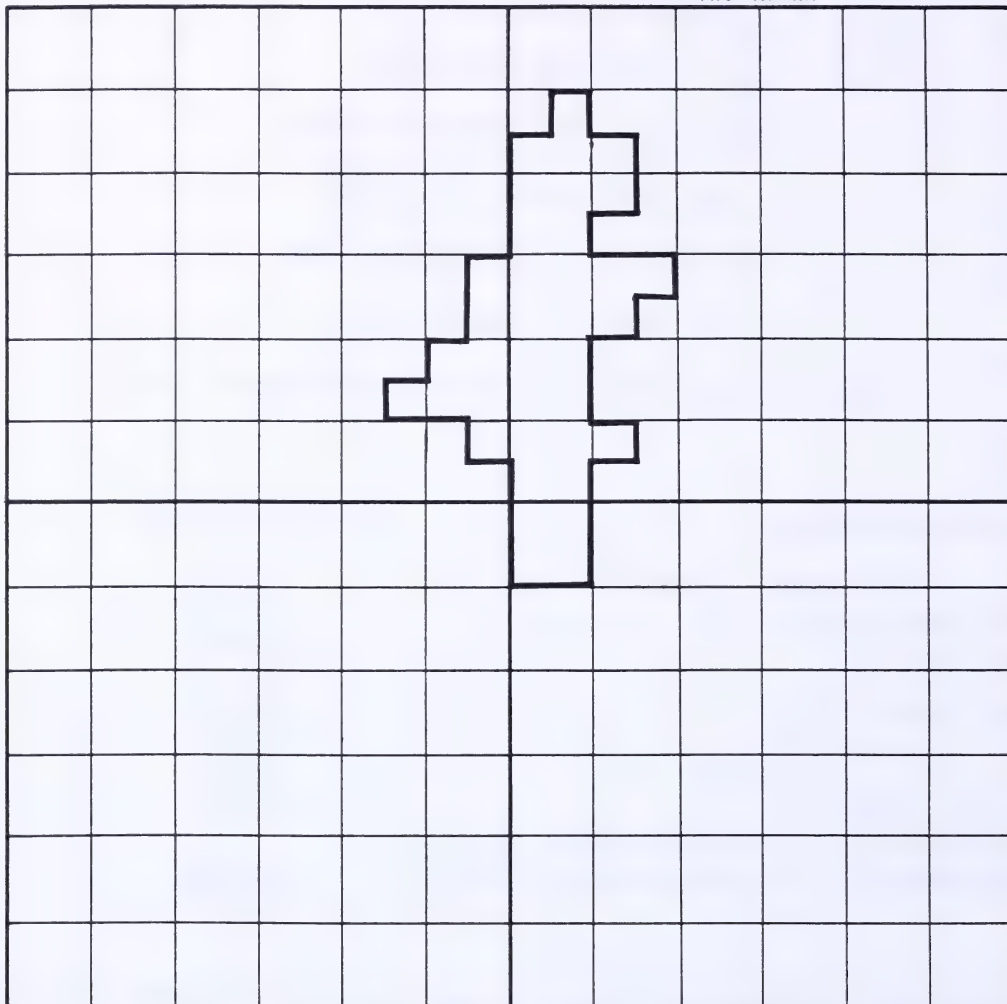
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.4

R.3 W.5 M.



T.46

T.45

CRYSTAL VIKING UNIT NO. 1



INITIAL EFFECTIVE DATE- 1 APRIL 1984

UNIT OPERATOR- WESTCOAST PETROLEUM LTD.

CYN-PEM CARDIUM D UNIT NO. 1

Located in the Cyn-Pem Field

Unit Operator - Esso Resources Canada

Initial Effective Date - 01 November 1986

Participation Revised - 01 march 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Accipiter Resources Ltd.	0.01472
Alveston Holdings Ltd.	0.04243
Amoco Canada Petroleum Company Ltd.	7.24062
Bonanza Oil & Gas Ltd.	1.47199
Esso Resources Canada	77.42434
Heather Oil Ltd.	0.39792
Inverness Petroleum Ltd.	1.54207
Joli Fou Petroleums Ltd.	0.77856
Meeting Creek Resources Ltd.	0.10609
Northern Development Company Ltd.	1.41310
Norwest	1.65530
O.M. Sachkiw Holdings Ltd.	0.04458
Olympus Resources Ltd.	0.36590
Paragon Petroleum Limited	2.20415
Pencor Petroleum Limited	0.77104
Precambrian Shield Resources Limited	2.32645
Redeagle Resources Ltd.	0.04416
Restless Resources Ltd.	0.04243
Simmons Management Limited	0.10287
Starfinder Energy Inc.	0.04243

Working Interest OwnersPer Cent Participation

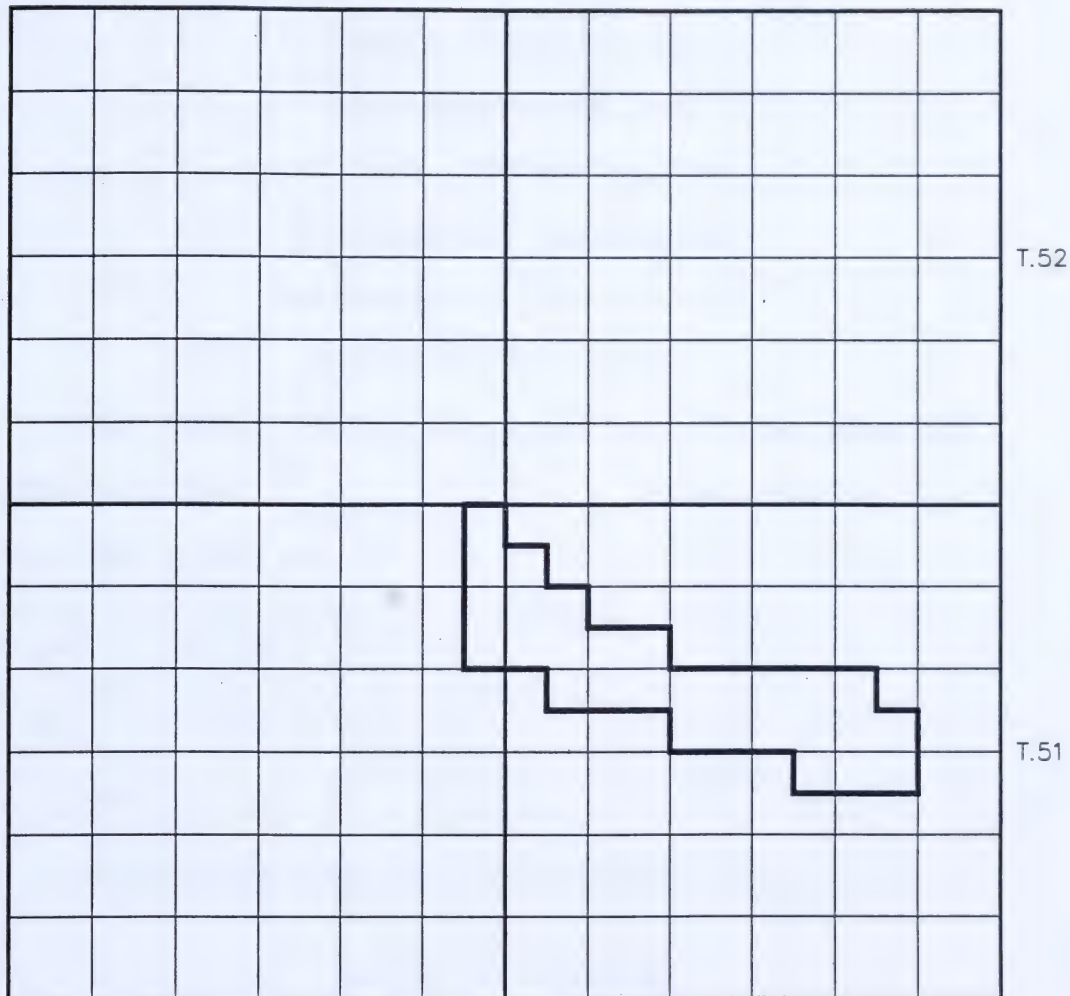
Sylva Resources Ltd.	0.16974
Wares Oil & Gas Ltd.	0.02122
Westcoast Petroleum Ltd.	1.65530
Wilderness Energy Limited	<u>0.12259</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.10 W.5M.

**ERC**

UNIT OPERATOR—ESSO RESOURCES CANADA

DRUMHELLER NISKU UNIT NO. 2

Located in the Drumheller Field

Unit Operator - Musketeer Energy Ltd.

Initial Effective Date - 01 October 1964

Participation Revised - 01 September 1990

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

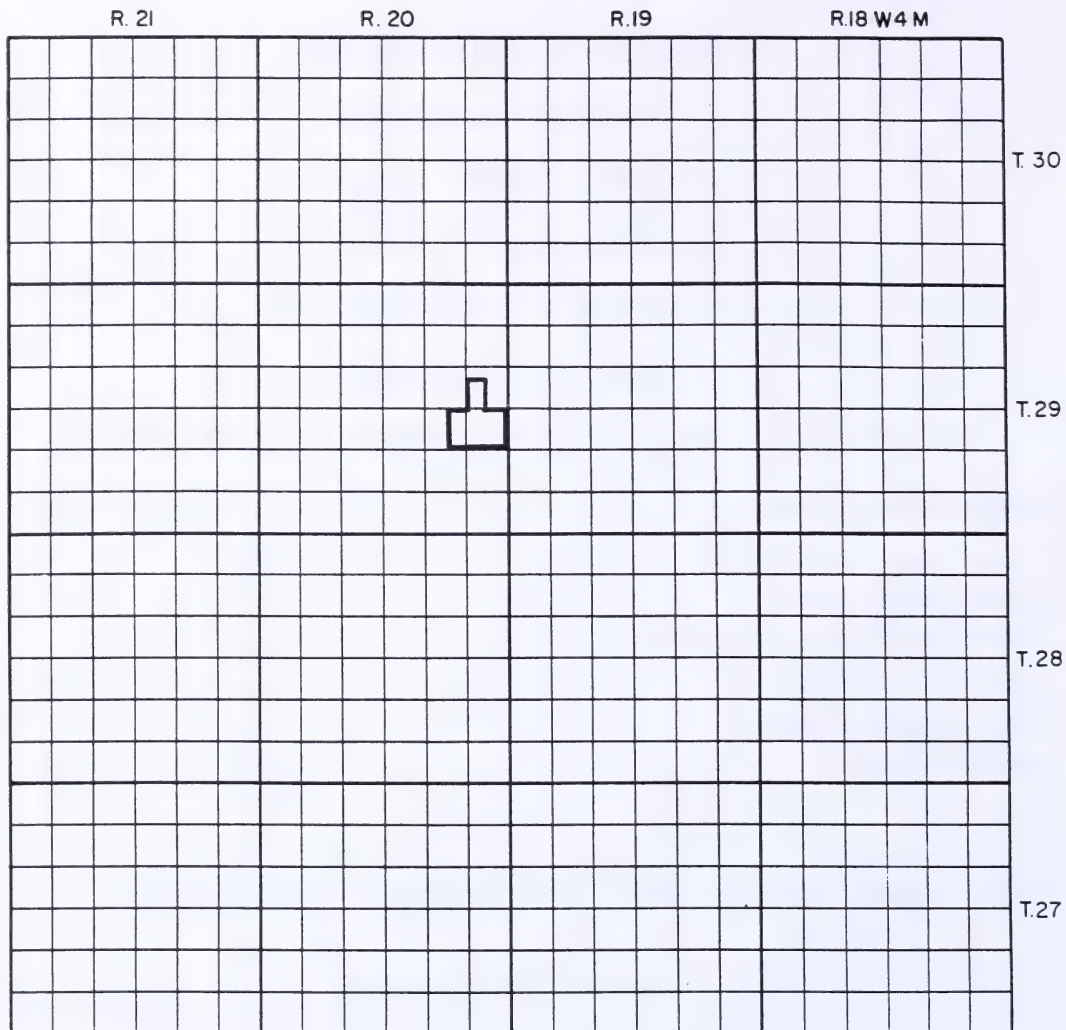
Per Cent Participation

Amoco Canada Resources Ltd.	50.0
Norman Lander Easley	1.5
Norcen Energy Resources Limited	25.1
Okanagan Petroleums, Ltd.	9.7
Twin Richfield Oils Ltd.	5.2
Voyager Energy Company	3.5
Steward Whipple	<u>5.0</u>
	100.0

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



DRUMHELLER NISKU UNIT NO. 2

INITIAL EFFECTIVE DATE - 1 OCTOBER 1964

UNIT OPERATOR - MUSKETEER ENERGY LTD.

ERCB

ELNORA GAS UNIT

Located in the Elnora, Mikwan and Trochu Fields

Unit Operator - Kerr-McGee Canada Ltd.

Initial Effective Date - 01 September 1973

Participation Revised - 01 October 1990

*Unitized Zone - Belly River, Glauconite and Basal Quartz Formations

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	1.3110
Chevron Canada Resources Limited	0.1831
Davilin Energy Corporation	0.2711
Gardiner Oil and Gas Limited	0.8528
Home Oil Company Ltd.	0.3309
J.M. Huber Corporation	4.6507
Kerr-McGee Canada Ltd.	71.0703
Norwich Resources Canada Ltd.	0.3281
PanCanadian Petroleum Ltd.	20.6738
Sceptre Resources Limited	<u>0.3282</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.21 W.4M.



ERCB

UNIT OPERATOR—KERR — McGEE CANADA LTD.

ERSKINE LEDUC D-3A UNIT NO. 1

Located in the Erskine Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 January 1985

Participation Revised - 01 August 1990

*Unitized Zone - Leduc Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	0.090600
Blair Oil Company	0.086070
Denton Energy Ltd.	0.004530
Esso Resources Canada	2.125300
Esso Resources Canada Ltd.	1.968440
Gulf Canada Resources Limited	59.513720
Home Oil Company Limited	21.733860
Inter-Rock Oil Co. of Canada	0.761180
McColl-Frontenac Inc.	2.543790
Norcen Energy Resources Limited	8.067670
400016 Alberta Ltd.	<u>3.104840</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

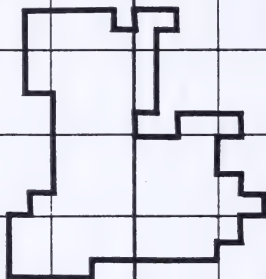
(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.21

R.20W.4M.

T.39



ERSKINE LEDUC D-3A UNIT NO 1

INITIAL EFFECTIVE DATE - 1 JANUARY 1985

UNIT OPERATOR - GULF CANADA RESOURCES LIMITED

 ERCB

FENN-BIG VALLEY VIKING GAS UNIT NO. 1

Located in the Fenn-Big Valley and Fenn West Fields

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 May 1980

Participation Revised - 01 December 1990

*Unitized Zone - Viking Formation

*Unitized Substance - Natural Gas

Working Interest Owners

Per Cent Participation

Adeco Drilling and Engineering Co. Ltd.	0.25935
Albert Allison*	0.94778
Amoco Canada Resources Ltd.	1.46506
Anned Resources Ltd.	0.12965
Brunswick hydrocarbons Ltd.	0.13141
Conwest Exploration Company Limited	1.97385
Corexcana Ltd.	0.49817
Encor Energy Corporation Inc.	1.29600
Esso Resources Canada	2.87665
Esso Resources Canada Limited	1.19709
First Calgary Petroleums Ltd.	0.57293
Gulf Canada Resources Limited	29.66948
Carolyn M. Harris	0.00500
J.M. Huber Corporation	0.68010
Kerr-McGee Corporation	2.31238
Lario Oil & Gas Company	1.83970
Mohawk Oil Co. Ltd.	4.43753
Gail F. Moulton Jr.	0.00499
Willis R. Moulton	0.00499
Nicolas Gas & Oil Ltd.	2.13342
Northland Bank in Liquidation**	1.96275

* c/o National Trust Company

** Deloitte & Touche Inc. (as Liquidators)

Working Interest OwnersPer Cent Participation

Norwest Oil & Gas Corp.	0.03268
Oriole Energy Eastern Ltd.	1.97385
Pacific Enterprises Oil	0.99634
PanCanadian Petroleum Limited	22.38722
PennWest Petroleum Ltd.	0.00172
Pensionfund Energy Resources Limited	2.36945
Phillips Petroleum Canada Ltd.	0.48030
Ranger Oil Limited	9.70105
Restech Canada Holdings Limited	0.35107
Shell Canada Limited	2.10300
Universal Explorations Ltd.	0.49818
Venwest Resources Limited	2.49673
Western D'Eldona Resources Limited	1.42167
343508 Alberta Ltd.	<u>0.78846</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.19 W4 M



FERRIER CARDIUM UNIT NO. 4

Located in the Ferrier Field

Unit Operator - Pembina Resources Limited

Initial Effective Date - 01 June 1983

Participation Revised - 01 November 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

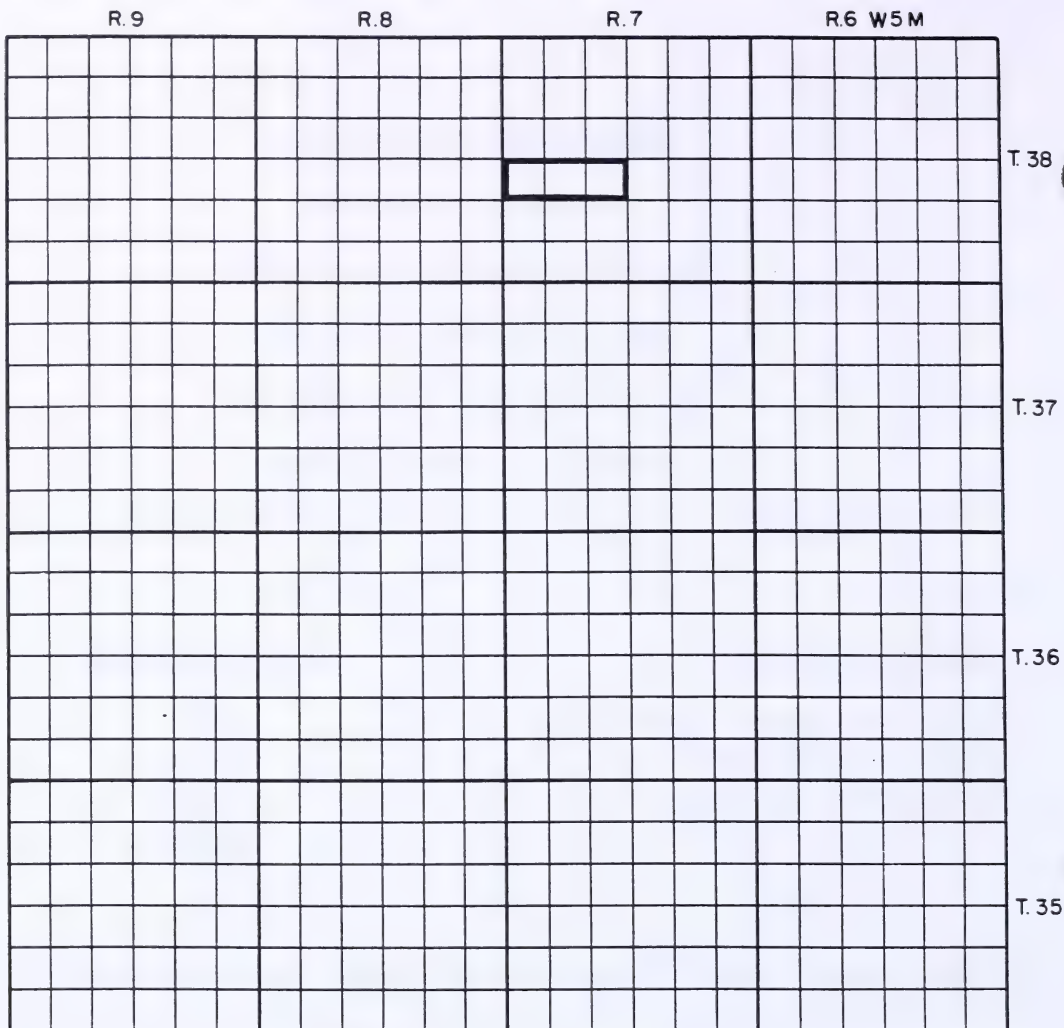
Per Cent Participation

Northern Development Company Limited	17.005
Pembina Resources Limited	64.200
Swade Resources Ltd.	0.895
Wintershall Oil of Canada Ltd.	<u>17.900</u>
	100.000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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FERRIER CARDIUM UNIT NO. 4

INITIAL EFFECTIVE DATE -1 JUNE 1983

UNIT OPERATOR - PEMBINA RESOURCES LIMITED

ERCB

GIFT SLAVE POINT "A" UNIT NO. 1

Located in the Gift Field

Unit Operator - Kerr-McGee Canada Ltd.

Initial Effective Date - 01 March 1987

Participation Revised - 01 January 1990

*Unitized Zone - Slave Point Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

J.M. Huber Corporation	7.060
Kerr-McGee Canada Ltd.	75.125
Norcen Energy Resources Ltd.	<u>17.815</u>
	100.000

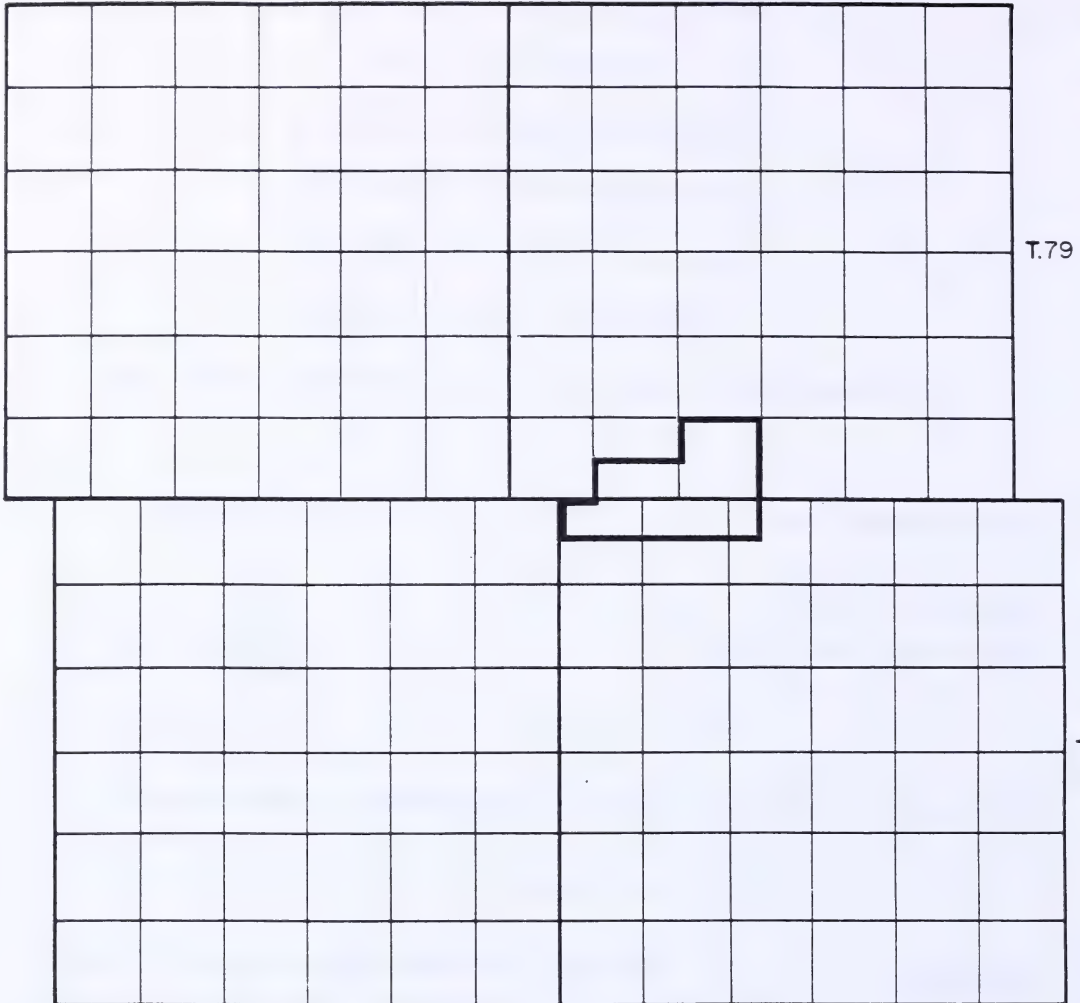
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.11

R.10 W.5M.



GIFT SLAVE POINT 'A' UNIT NO.1

ERCB

INITIAL EFFECTIVE DATE - 1 MARCH 1987

UNIT OPERATOR- DIAMOND SHAMROCK EXPLORATION OF CANADA, LTD.

GILBY JURASSIC "F" UNIT

Located in the Gilby Field

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 01 November 1967

Participation Revised - 01 October 1985

*Unitized Zone - Jurassic "F"

*Unitized Substance - Petroleum, natural gas and related hydrocarbons (except coal)

Working Interest Owners

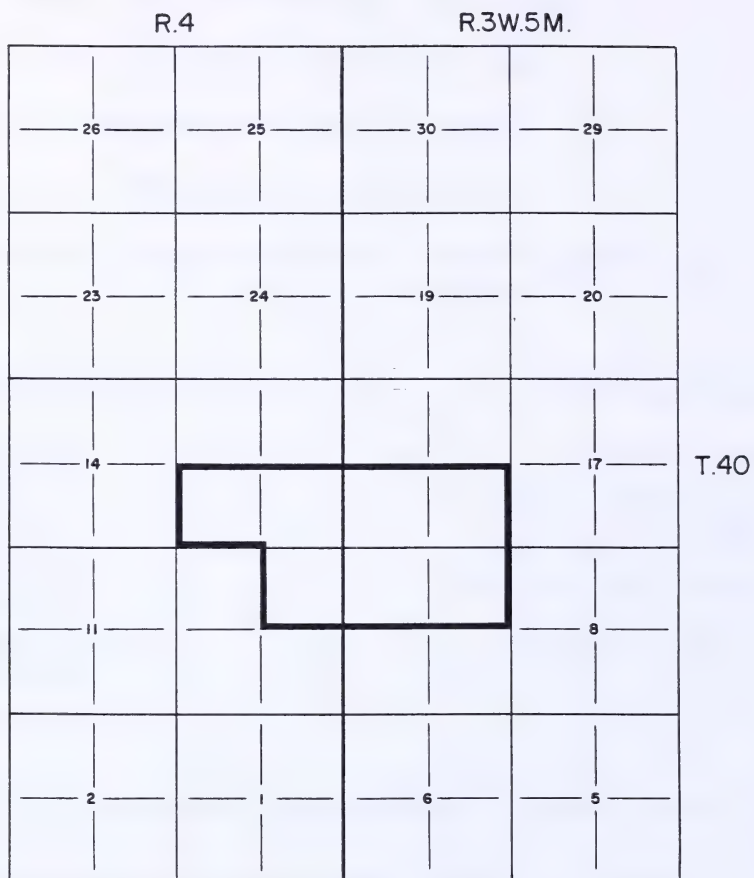
Per Cent Participation

Carmangay Oil Ltd.	2.75000
Conwest Exploration Company Ltd.	22.90000
Gulf Canada Resources Inc.	9.30000
New York Oils Limited (N.P.L.)	9.00000
PanCanadian Petroleum Limited	26.80000
Petro Canada Ventures	10.00000
Texas Crude Oil Company	<u>19.25000</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



GILBY JURASSIC F UNIT

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1967

UNIT OPERATOR — PANCANADIAN PETROLEUM LIMITED

GILBY NORTH BASAL QUARTZ GAS UNIT

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 01 September 1967

Participation Revised - 01 September 1990

*Unitized Zone - Basal Quartz Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

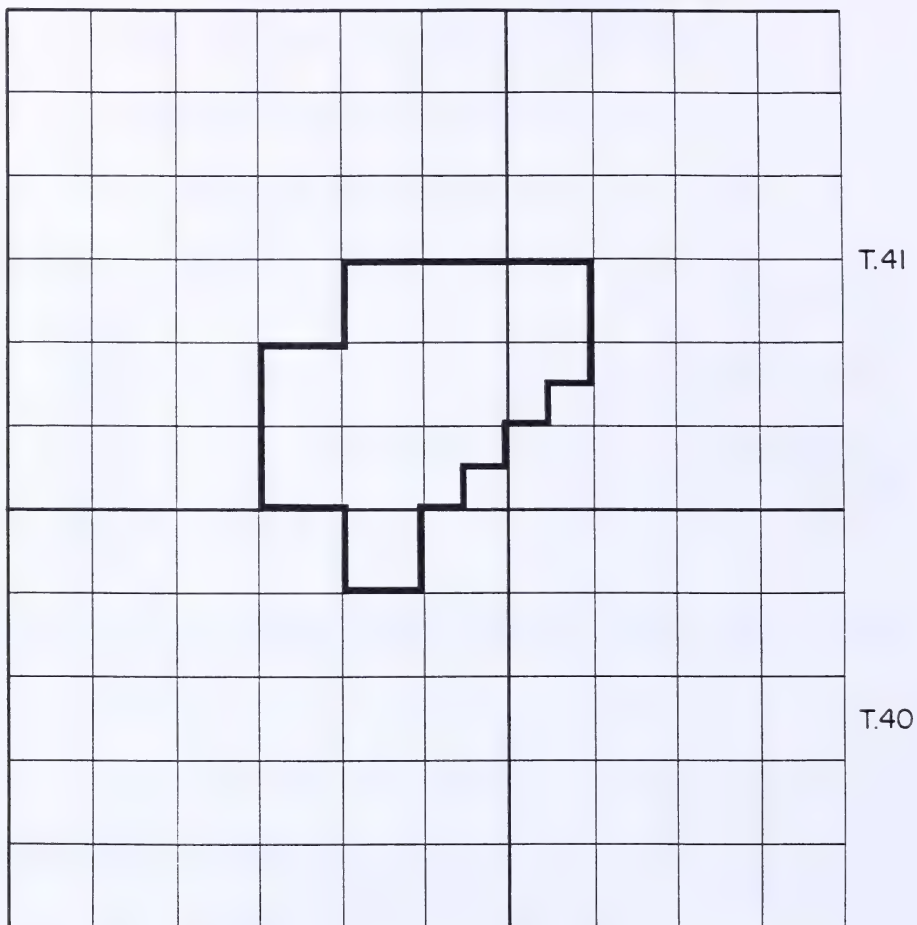
Amoco Canada Resources Ltd.	36.267
Anadarko Petroleum of Canada Ltd.	12.798
Canadian Occidental Petroleum Ltd.	10.258
Gulf Canada Resources Ltd.	18.719
Kerr-McGee Canada Ltd.	13.319
PanCanadian Petroleum Limited	<u>8.639</u>
	100.000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3W.5M.



INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1967

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

GILBY VIKING UNIT NO. 1

Located in the Gilby Field

Unit Operator - Chevron Canada Resources

Initial Effective Date - 01 December 1962

Participation Revised - 01 November 1990

*Unitized Zone - Viking Formation

*Unitized Substance - Gas and oil

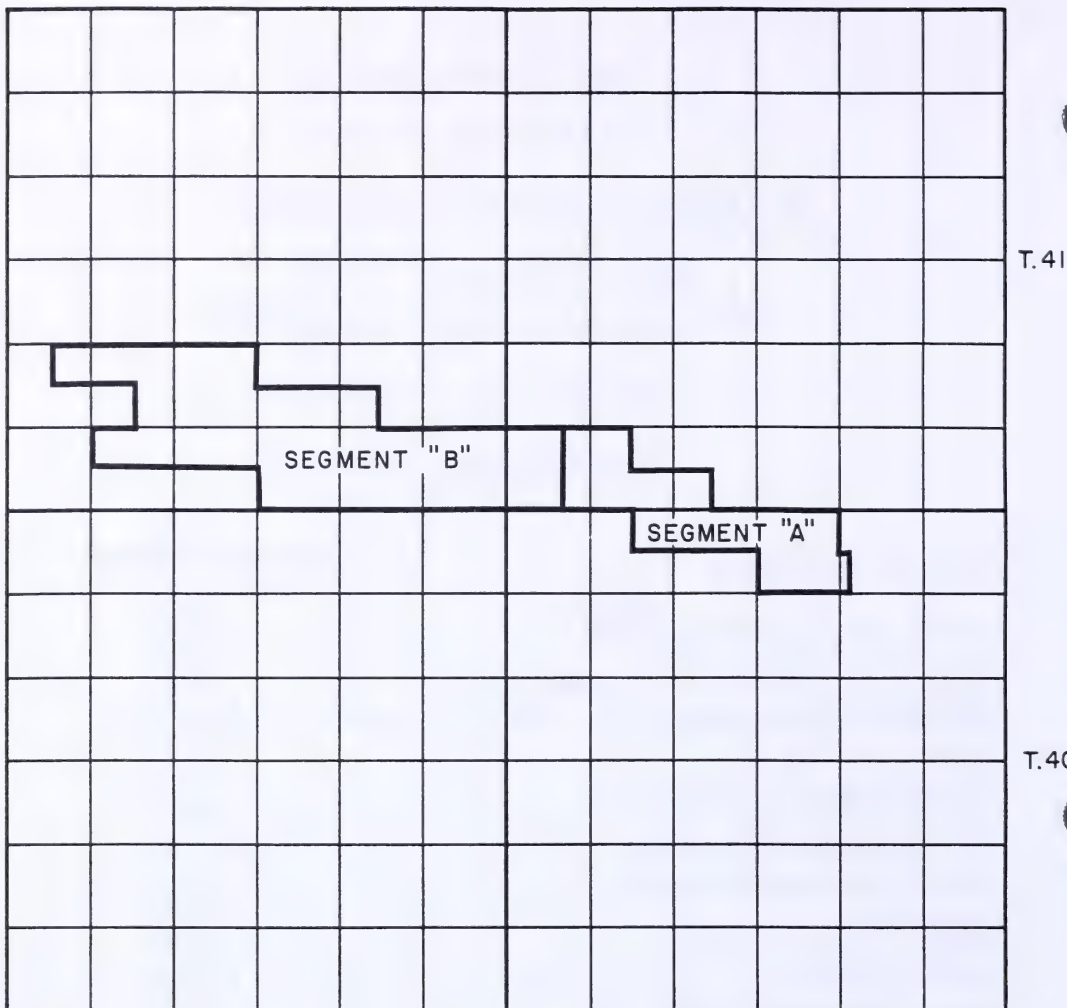
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	9.5967
Amoco Canada Resources Ltd.	15.0404
Chenery Dobson Resource Management Ltd.	0.7353
Chevron Canada Resources	23.6211
Colenco Petroleum Ltd.	0.9279
Conwest Exploration Company Ltd.	1.2462
Esso Resources Canada	9.5967
Gulf Canada Resources Limited	13.7764
Harvard International Resources	1.2461
Alice James	0.1856
Pembina Resources Limited	3.2389
Petro-Canada Inc.	11.4338
Pipawa Exploration Limited	0.7423
Royal Trust Energy Resource II Corporation	0.7861
Saskatchewan Oil and Gas Corporation	7.2337
Spruce Hills Production Company, Inc.	0.4940
Wrangler Management Ltd.	<u>0.0988</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.2W.5 M.

**ERCB**

UNIT OPERATOR - CHEVRON CANADA RESOURCES

HANLAN SWAN HILLS POOL GAS UNIT NO. 1

Located in the Hanlan Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 July 1988

Participation Revised - 01 November 1990

*Unitized Zone - Swan Hills member

*Unitized Substance - Natural gas and associated substance

Working Interest Owners

Per Cent Participation

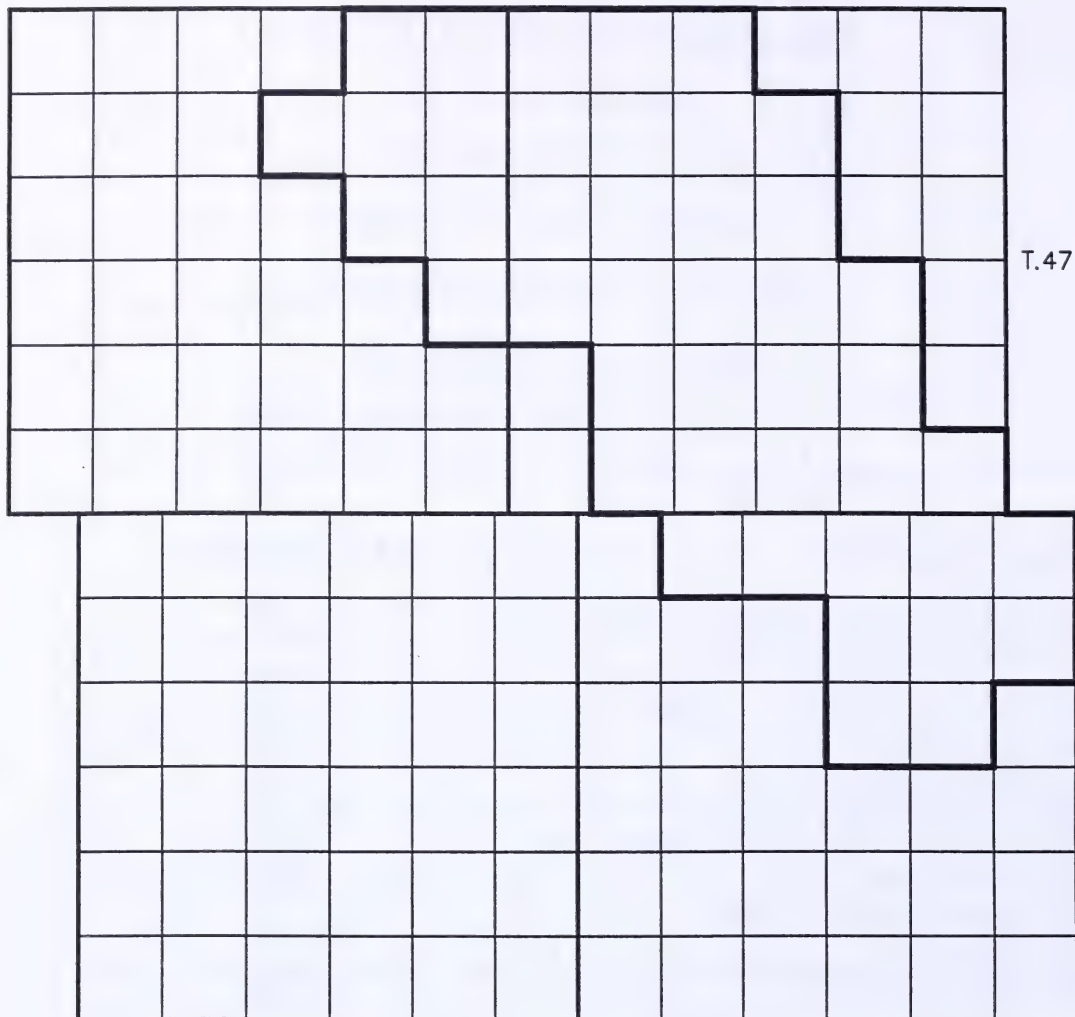
Amerada Minerals Corporation of Canada Ltd.	4.47400
American Eagle Petroleums Ltd.	1.08550
Columbia Gas Development of Canada Ltd.	0.11190
Conwest Exploration Company Limited	0.13590
Dena Resources Ltd.	0.00250
Encor Energy Corporation Inc.	0.17320
Gulf Canada Resources Limited	24.92700
Hamilton Brothers Canadian Gas Company Ltd.	5.31200
Home Oil Company Limited	1.80000
PanCanadian Petroleum Limited	2.78500
Petro-Canada Inc.	53.88100
Union Pacific Resources Inc.	<u>5.31200</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.17 W.5M.



ERCB

UNIT OPERATOR—GULF CANADA RESOURCES LIMITED

HARMATTAN EAST VIKING UNIT NO. 1

Located in the Garrington and Harmattan East Fields

Unit Operator - Mobil Oil Canada

Initial Effective Date - 01 October 1986

Participation Revised - 01 June 1990

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	1.675296
Arrandale Resources Ltd.	0.447821
Assiniboine Land Services Ltd.	0.192991
Bowtex Energy (Canada) Corporation	1.407744
Canadian Pioneer Energy Inc.	0.903863
Central Capitol Management Inc.	0.333300
Cooperative Energy Development Corporation	4.033748
Danevan Resources Ltd.	0.007653
Headco Exploration Co. Ltd.	2.753111
Lancaster Capital Group Ltd.	0.428988
Lario Oil and Gas Company	5.506225
R. McMurray	0.079601
Mission Resources Limited	1.444981
Mobil Oil Canada	40.867440
Moraine Production Co. Ltd.	1.029003
Morgan Hydrocarbons Inc.	0.215742
NCE Oil & Gas (87-1) Ltd.	0.798513
Norcen Energy Resources Limited	17.046796
Northern Reef Exploration Ltd.	0.044100
Oakfern Petroleums Ltd.	0.248774
Passport Petroleums Ltd.	0.248775
Pennzoil Petroleums Ltd.	0.195094

Working Interest OwnersPer Cent Participation

Quesaida Investments Ltd.	0.107247
Ranchmens Resources Ltd.	2.246189
Shell Canada Limited	8.240225
Stephen Oil Limited	0.205425
Stone Petroleum Ltd.	0.219529
Summit Resources Limited	0.817831
Tongue Creek Trading Company Ltd.	0.447821
Total Petroleum Canada Ltd.	0.306069
Trans-dominion Energy Corporation	0.063600
Ulster Petroleums Ltd.	0.845498
Unocal Canada Resources	4.539930
398603 Alberta Ltd.	<u>2.051077</u>
	100.000000

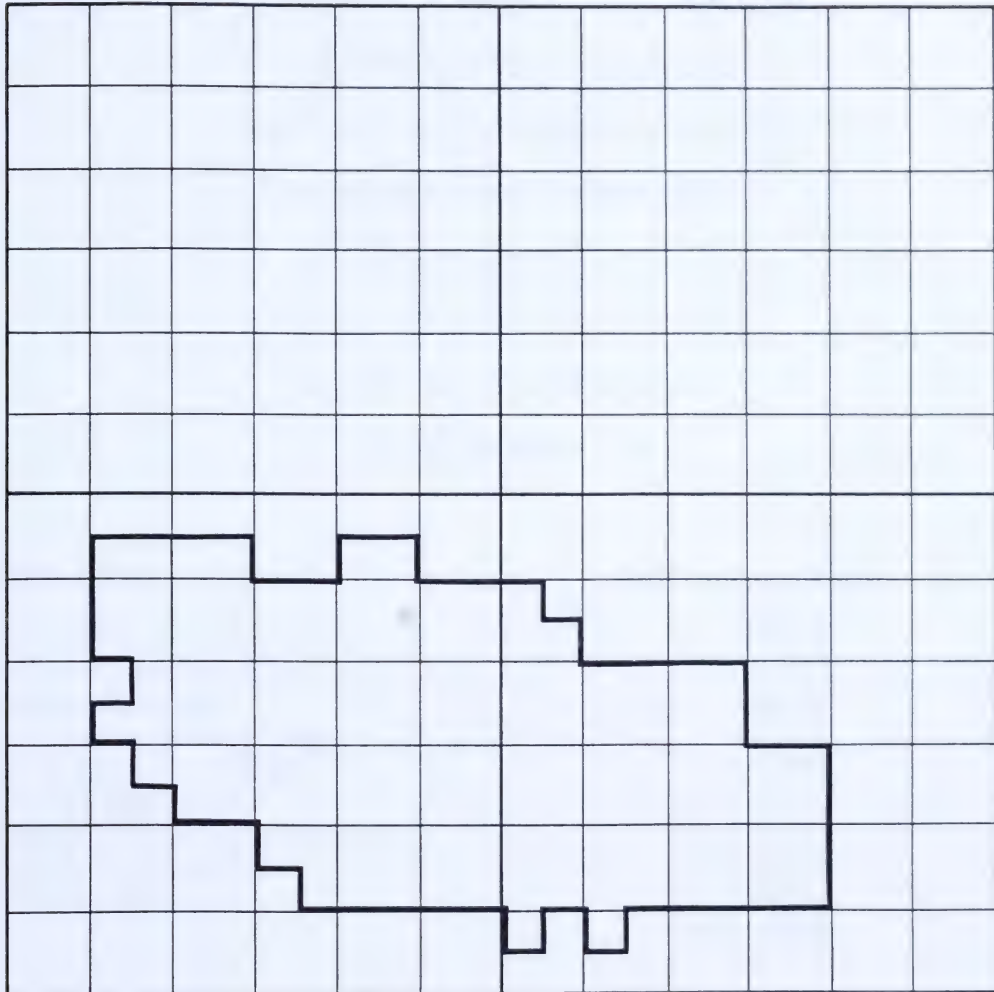
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3

R.2 W.5M.



T.33

T.32

HARMATTAN EAST VIKING UNIT NO.1



INITIAL EFFECTIVE DATE — 1 OCTOBER 1986

UNIT OPERATOR — MOBIL OIL CANADA

HOLMBERG MANNVILLE GAS UNIT

Located in the Bruce, Holmberg, and Strome Fields

Unit Operator - Sceptre Resources Limited

Initial Effective Date - 01 June 9173

Participation Revised - 01 January 1990

*Unitized Zone - Mannville Formation

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Limited	11.902101
Canadian Natural Resources Limited	1.928337
Central Explorers Inc.	1.043766
Esso Resources Canada Limited	0.430179
Gardiner Oil & Gas Limited	2.605065
Kline Oil Company Ltd.	28.225970
Saskatchewan Oil & Gas Corporation	7.288044
Sceptre Resources Limited	41.242571
Star Oil & Gas Ltd.	<u>5.333967</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

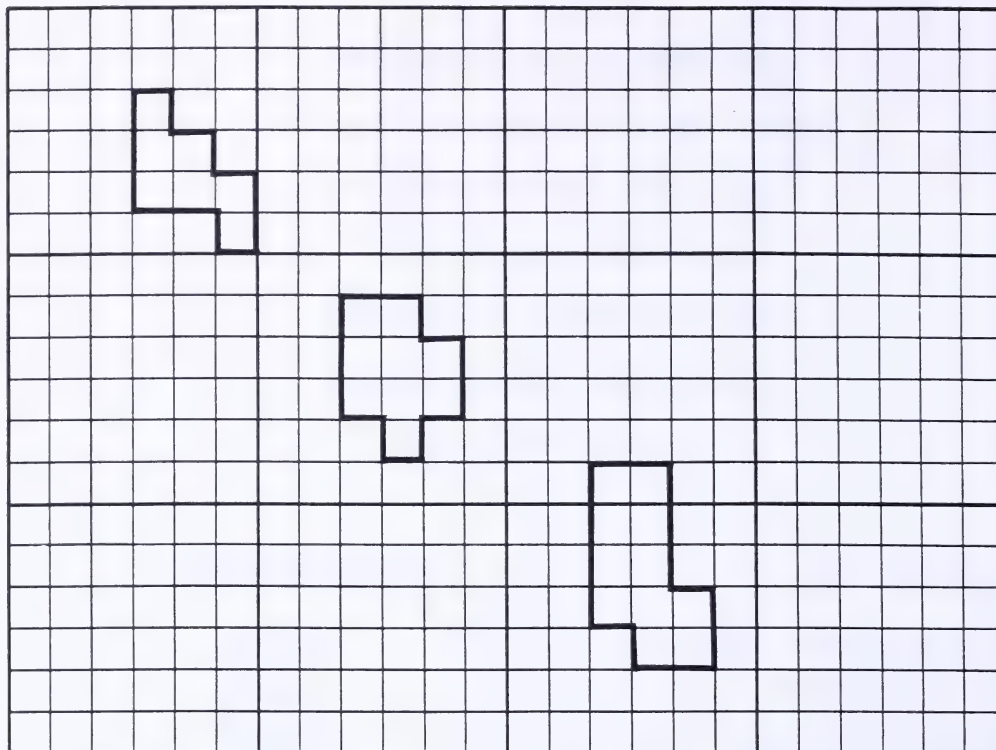
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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R.15W4M.



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T.42

HOLMBERG MANNVILLE GAS UNIT

INITIAL EFFECTIVE DATE - 1 JUNE 1973

UNIT OPERATOR- SCEPTRE RESOURCES LIMITED



HOUSE MOUNTAIN UNIT NO. 1

Located in the Swan Hills Field

Unit Operator - Shell Canada Limited

Initial Effective Date - 01 February 1966

Participation Revised - 01 November 1990

*Unitized Zone - Swan Hills Member

*Unitized Substance - Petroleum natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Petroleum Company Ltd.	15.271997
Amoco Canada Resources Ltd.	1.798678
Chevron Canada Resources	24.514267
CWCP Resources Inc.	2.595789
Esso Resources Canada	0.134421
Esso Resources Canada Limited	1.138623
Husky Oil Operations Ltd.	0.178475
MLC Oil and Gas Ltd.	0.250768
Murphy Oil Company Limited	4.004382
Shell Canada Limited	33.213233
Venwest Resources Limited	0.870534
398603 Alberta Ltd.	<u>16.028833</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

HOUSE MOUNTAIN UNIT NO. 2

Located in the Swan Hills Field

Unit Operator - Shell Canada Limited

Initial Effective Date - 01 November 1967

Participation Revised - 01 November 1990

*Unitized Zone - Swan Hills Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

American Eagle Petroleum Ltd.	20.36557
Chair Resources Inc.	2.68255
Chevron Canada Resources	14.11088
Corvair Oils Ltd.	1.81703
Encor Energy Corporation Inc.	0.99283
Esso Resources Canada Limited	2.29970
Gulf Canada Resources Limited	2.52226
Placer CEGO Petroleum (a division of Placer Dome Inc.)	0.75092
Shell Canada Limited	50.48694
Venwest Resources Limited	<u>3.97132</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.11

R.10W.5M.

T.70

T.69

HOUSE MOUNTAIN UNIT NO.2

INITIAL EFFECTIVE DATE - 1 NOVEMBER 1967

UNIT OPERATOR- SHELL CANADA LIMITED



HUXLEY GAS UNIT NO. 1

Located in the Huxley Field

Unit Operator - Sceptre Resources Ltd.

Initial Effective Date - 01 June 1972

Participation Revised - 01 October 1990

*Unitized Zone - Viking, Glauconite and Basal quartz Formations

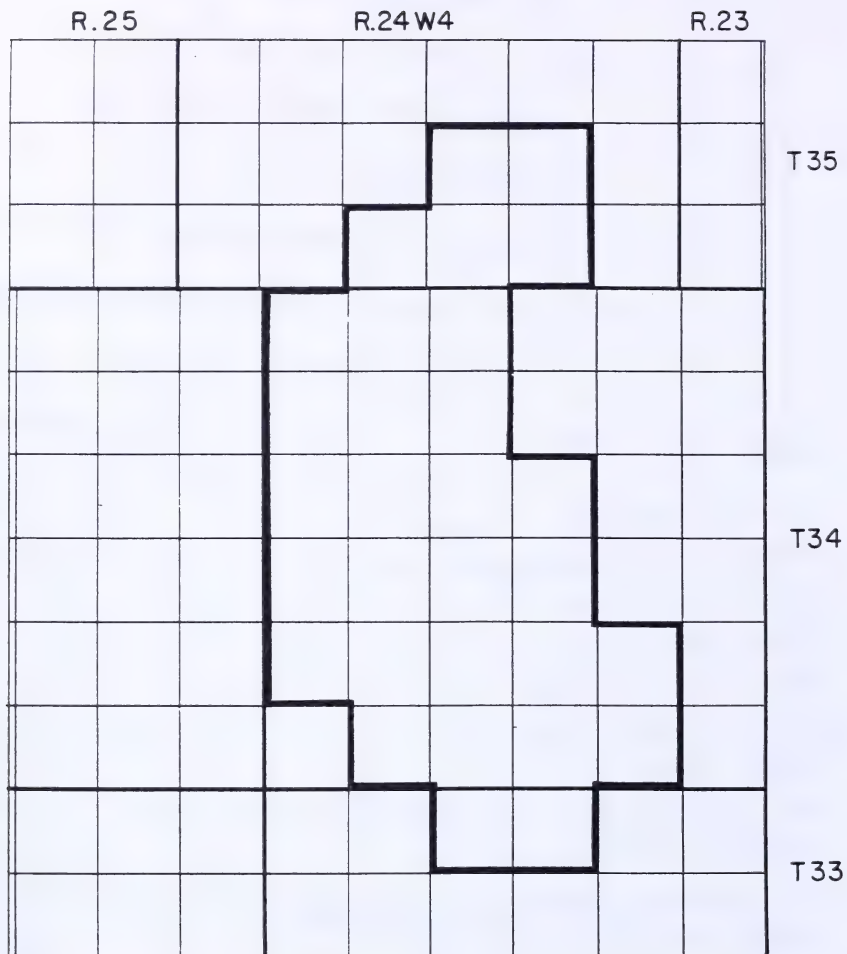
*Unitized Substance - Natural Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atlantis Resources Ltd.	13.104550
Canadian Natural Resources Limited	5.695716
Comaplex Resources International Ltd.	5.675405
Copetrex Oil & Gas Co. Ltd.	2.837703
Corexcal, Inc.	1.313157
Dorset Exploration Ltd.	2.270162
Husky Oil Operations Ltd.	5.433497
Kerr-McGee Corporation	0.713542
Martin, Anita M.	1.135082
McFeely, Marian E.	1.135082
McFeely, Michael B.	1.702624
NCE Oil & Gas (86-1) Ltd.	2.270162
Noramco Mining Corporation	0.572138
Pacific Enterprises Oil Company (Netherlands)	2.626319
Pan East Resources Inc.	3.659240
PanCanadian Petroleum Limited	16.902579
Petrorep (Canada) Ltd.	3.939480
Reco Management Enterprises Ltd.	2.270162
Sceptre Resources Limited	18.285251
Sunlite Oil Company Limited	2.698044
Westcoast Petroleum Ltd.	<u>5.760105</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



HUXLEY GAS UNIT NO.1



INITIAL EFFECTIVE DATE - 1 JUNE 1972

UNIT OPERATOR - SCEPTRE RESOURCES LIMITED

JENNER GAS UNIT NO. 1

Located in the Jenner Field

Unit Operator - Amoco Canada Resources Ltd.

Initial Effective Date - 01 November 1969

Participation Revised - 01 October 1990

*Unitized Zone - Second White Specks, Basal Colorado, Upper Mannville and
Glaucinitic Zones

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	78.95650
Norcen Energy Resources Limited	16.04350
Twin Richfield Oils Ltd.	<u>5.00000</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

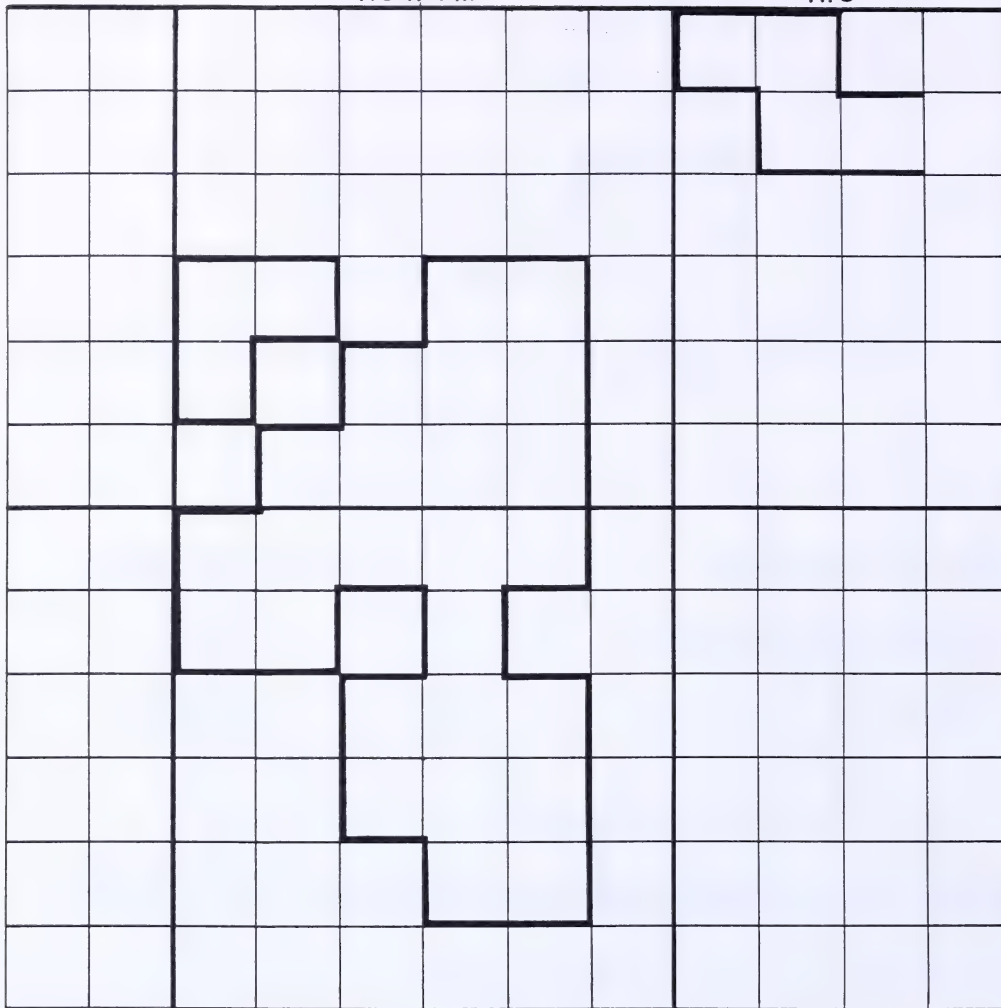
(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 10

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T. 20

T. 10

JENNER GAS UNIT NO 1

INITIAL EFFECTIVE DATE NOVEMBER 1, 1969

UNIT OPERATOR — MUSKETEER ENERGY LTD.

JOFFRE D-2 UNIT NO. 1

Located in the Joffre Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 01 November 1969

Participation Revised - 01 November 1990

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

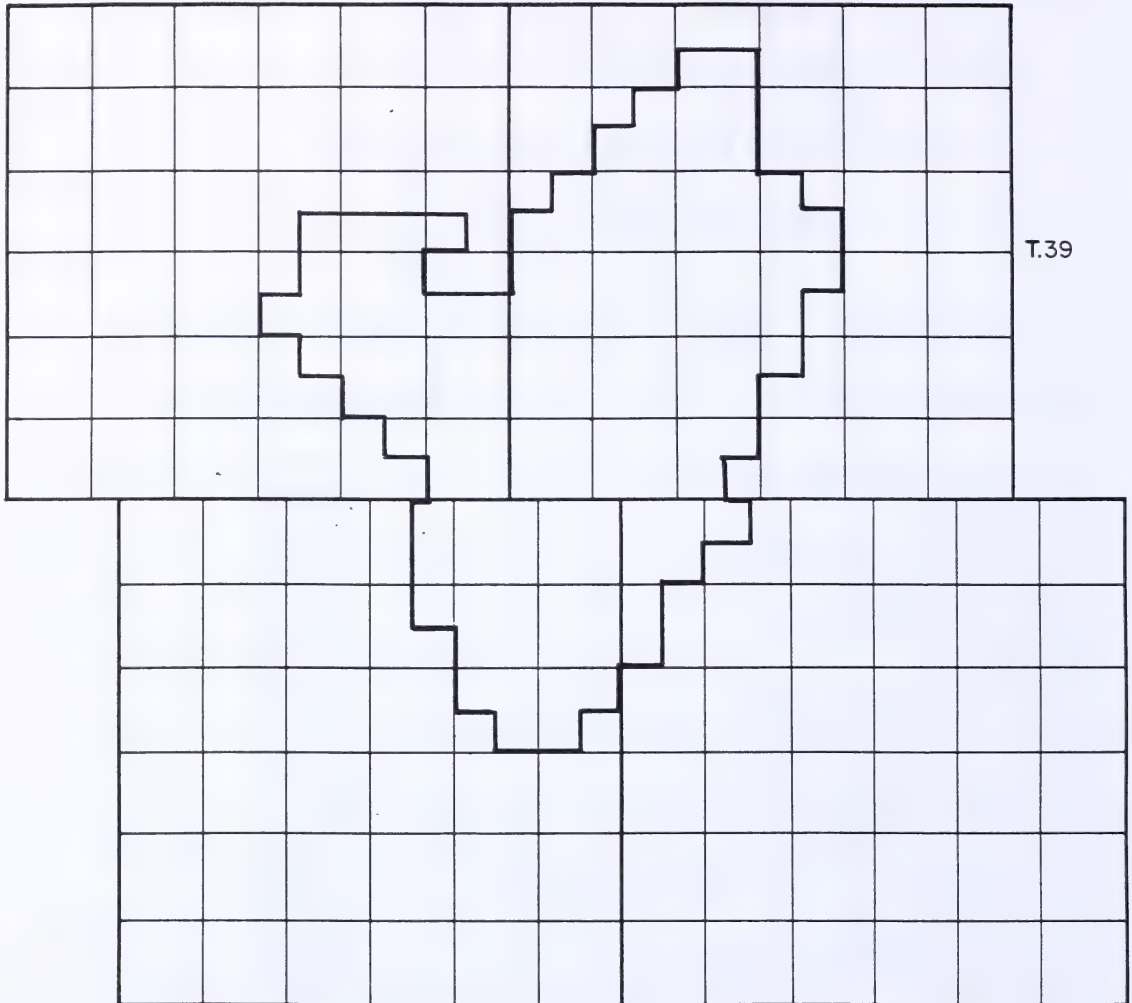
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Eagle Petroleum Ltd.	4.89333
Blamer Enterprises Inc.	0.20226
Canada Northwest Energy Limited	0.48280
Caroline Petroleum (1985) Ltd.	0.15688
Chair Holdings Limited	3.96651
Chevron Canada Resources	18.99677
Daisy Oils Ltd.	0.47296
Encor Energy Corporation Inc.	1.18490
Enerplus Resources Corporation	0.07932
Esso Resources Canada	2.80375
Esso Resources Canada Limited	28.60011
Gardiner Oil and Gas Limited	0.12203
Gulf Canada Resources Limited	1.98518
Mobil oil Canada	8.29427
New York Oils Limited	0.40203
Norcen Energy Resources Limited	2.75344
Petro-Canada Inc.	7.70335
Ranger Oil Limited	2.51793
Scurry-Rainbow Oil Limited	0.41111
Shell Canada Limited	4.32411
Suncor Inc.	7.18575
Total Petroleum Canada Ltd.	1.54280
Unocal Canada Limited	<u>0.91841</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.26W.4M.



ERC

UNIT OPERATOR- ESSO RESOURCES CANADA LIMITED

KAYBOB BEAVERHILL LAKE UNIT NO. 1

Located in the Kaybob Field

Unit Operator - Chevron Canada Resources

Initial Effective Date - 01 October 1963

Participation Revised - 01 October 1990

*Unitized Zone - Swan Hills Member

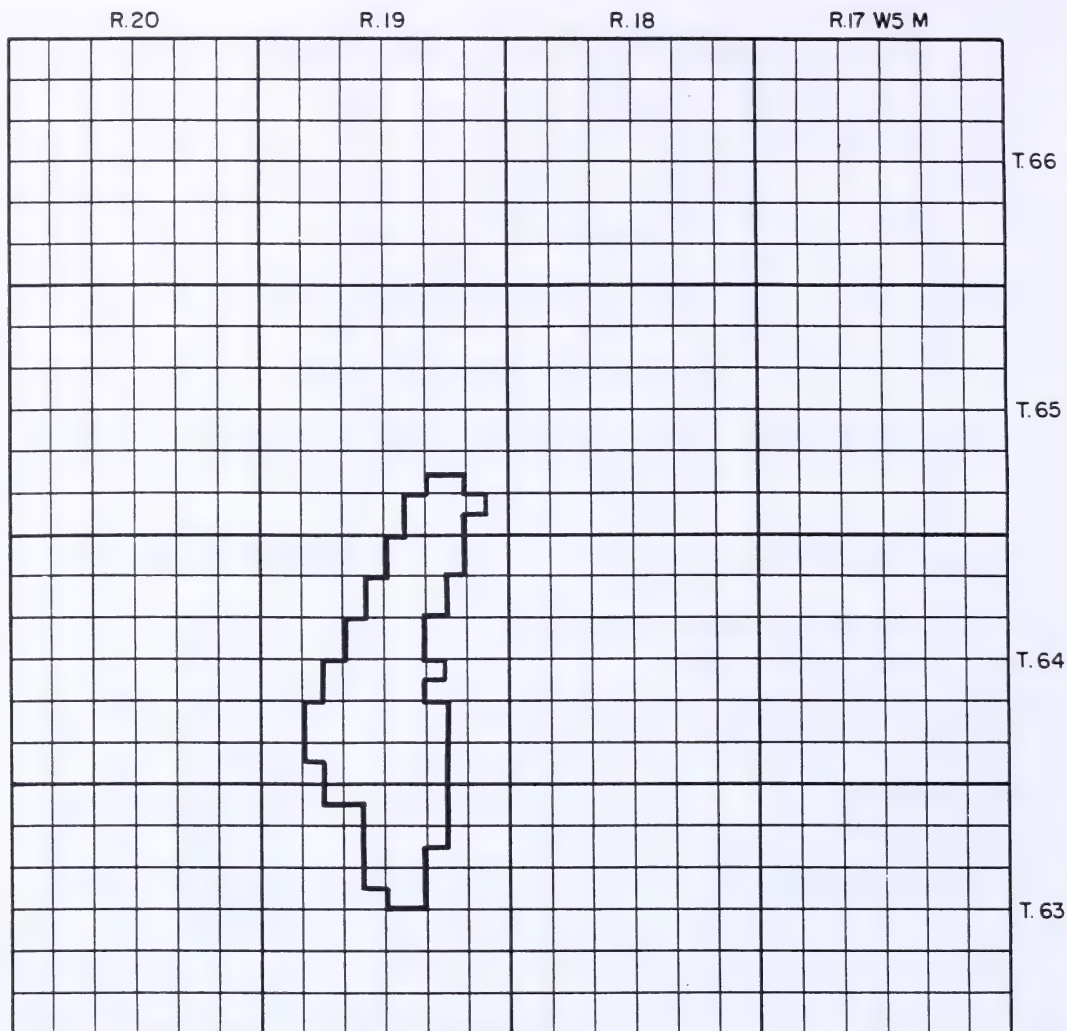
*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	2.386870
Amoco Canada Resources Ltd.	2.055561
Chevron Canada Resources	34.587625
Gulf Canada Resources, by its Managing Partner	
Gulf Canada Limited	27.700661
Petro-Canada Inc.	25.133421
Shell Canada Limited	1.356613
Total Petroleum Canada Ltd.	1.462263
Union Pacific Resources Ltd.	<u>5.317986</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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KAYBOB BEAVERHILL LAKE UNIT NO. 1

INITIAL EFFECTIVE DATE - 1 OCTOBER 1963

UNIT OPERATOR - CHEVRON CANADA RESOURCES



LAKE MCGREGOR GAS UNIT

Located in the Little Bow and Long Coulee Fields

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 01 January 1968

Participation Revised - 01 December 1990

*Unitized Zone - Basal Quartz, Glauconite & Turner Valley Zones

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.

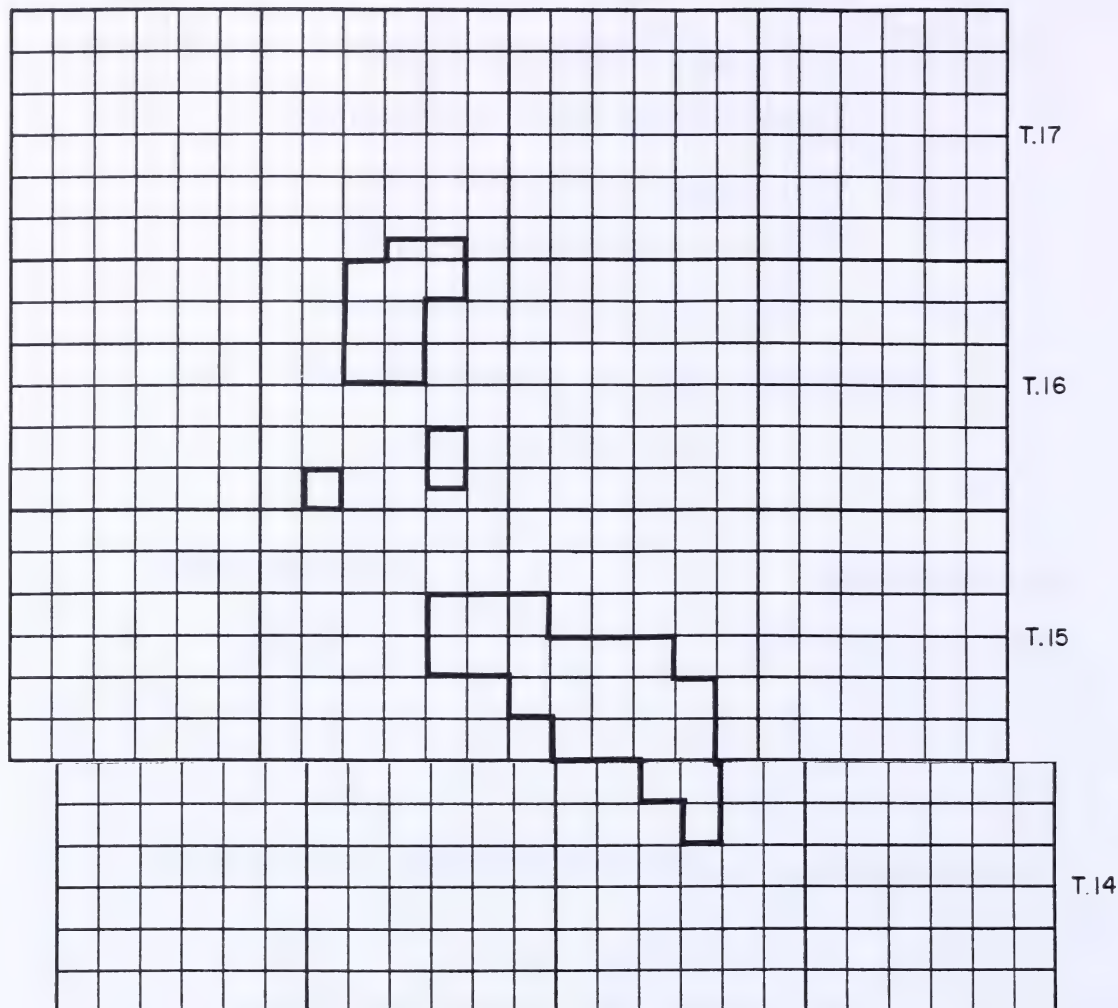
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100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.19W.4 M.



ERCB

UNIT OPERATOR- DOME PETROLEUM LIMITED

LEDUC-WOODBEND D-3 UNIT

Located in the Leduc-Woodbend Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 01 October 1960

Participation Revised - 01 July 1990

*Unitized Zone - Leduc (D-3) Unit Formations

*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.		2.4455859
Bankeno Resources Limited		0.0029085
Canterra Energy Limited		0.4490832
Centipede Holdings Ltd.		0.4490832
Chair Holdings Limited		1.3418754
Chair Resources Inc.		1.3217889
Chevron Canada Resources		0.0689147
Encor Energy Corporation Inc.		0.2141930
Enerplus Resources Corporation		0.1570886
Esso Resources Canada Limited		82.1978190
B.H. Gaboury Holdings Ltd.		0.0129636
Bernard Hemsing		0.0046218
Home Oil Company Limited		3.7759755
Mobil Oil Canada		0.8596690
Moraine Resources Ltd.		0.1729528
Morrison Petroleum Ltd.		0.0129636
Nevada Oil & Gas Ltd.		0.0081023
Norcen Energy Resources Limited		
Norcen, Western Properties	0.0034897	2.1545515
Norcen	2.1510618	2.1510618
Normandie Resource Corporation		0.0683266
NV Resources Corporation Ltd.		0.0081023

Working Interest OwnersPer Cent Participation

Orbit Oil & Gas Ltd.	0.0032409
PanCanadian Petroleum Limited	0.2346388
Passburg Petroleums Ltd.	0.2141930
Sereda Oils Ltd.	0.4329299
Shell Canada Limited	2.4798703
Southern Cross Investments Ltd.	0.0379652
Triple Three Triple Nine Resources Ltd.	0.0066735
Ulster Petroleums Ltd.	0.2943300
Venwest Resources Ltd.	0.1569545
Yeske Petroleums Ltd.	0.3998024
286535 Alberta Ltd.	<u>0.0129636</u>
	100.0000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

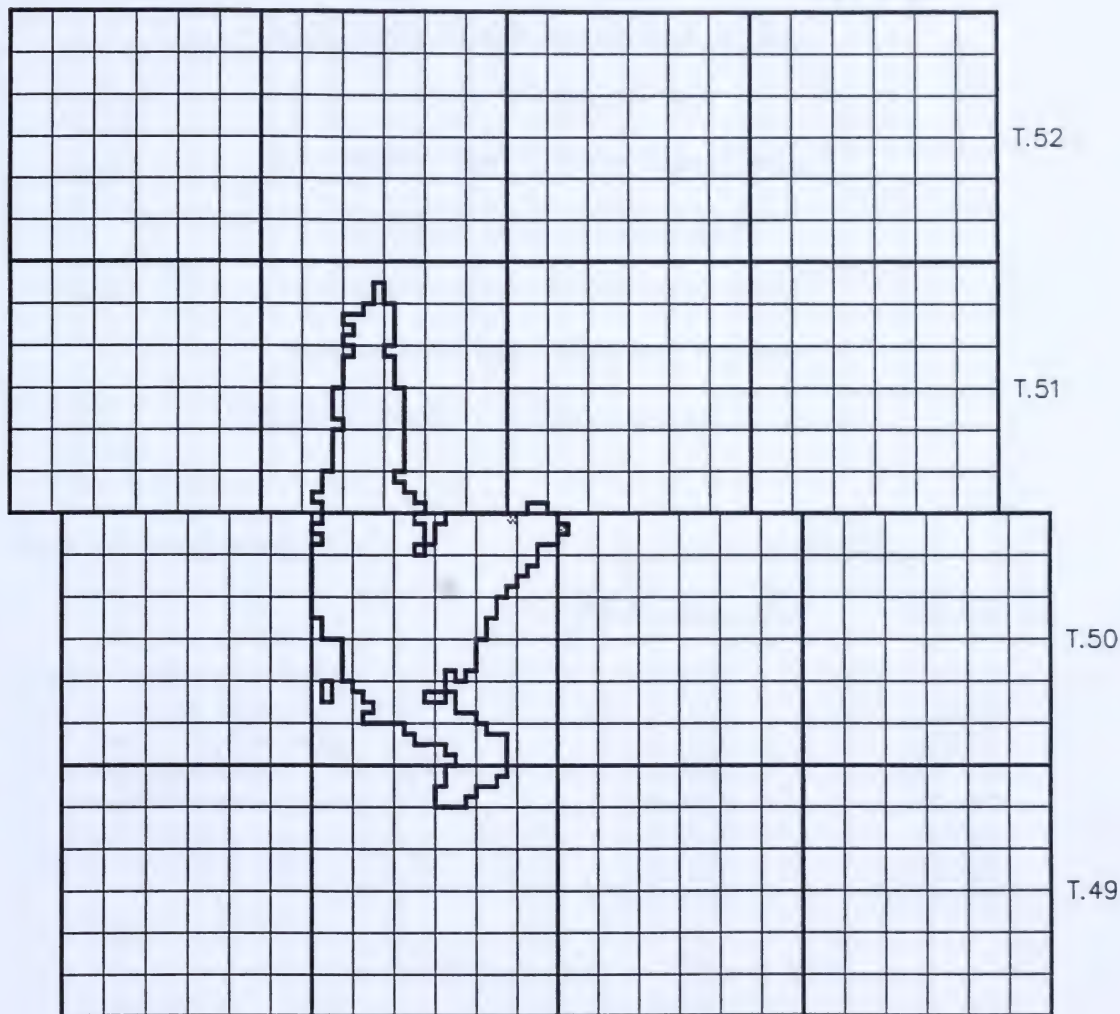
ENERGY RESOURCES CONSERVATION BOARD
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R.27

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R.24 W.4M.



LEDUC-WOODBEND D-3 UNIT

INITIAL EFFECTIVE DATE- 1 OCTOBER 1960

UNIT OPERATOR-ESSO RESOURCES CANADA LIMITED



AREA OF CHANGE - 1 JANUARY 1990

ERCB

LITTLE BOW UPPER MANNVILLE "I" UNIT

Located in the Little Bow Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 01 October 1984

Participation Revised - 01 November 1990

*Unitized Zone - Upper Mannville I Formation

*Unitized Substance - Oil, solution gas, and gas cap gas

Working Interest Owners

Per Cent Participation

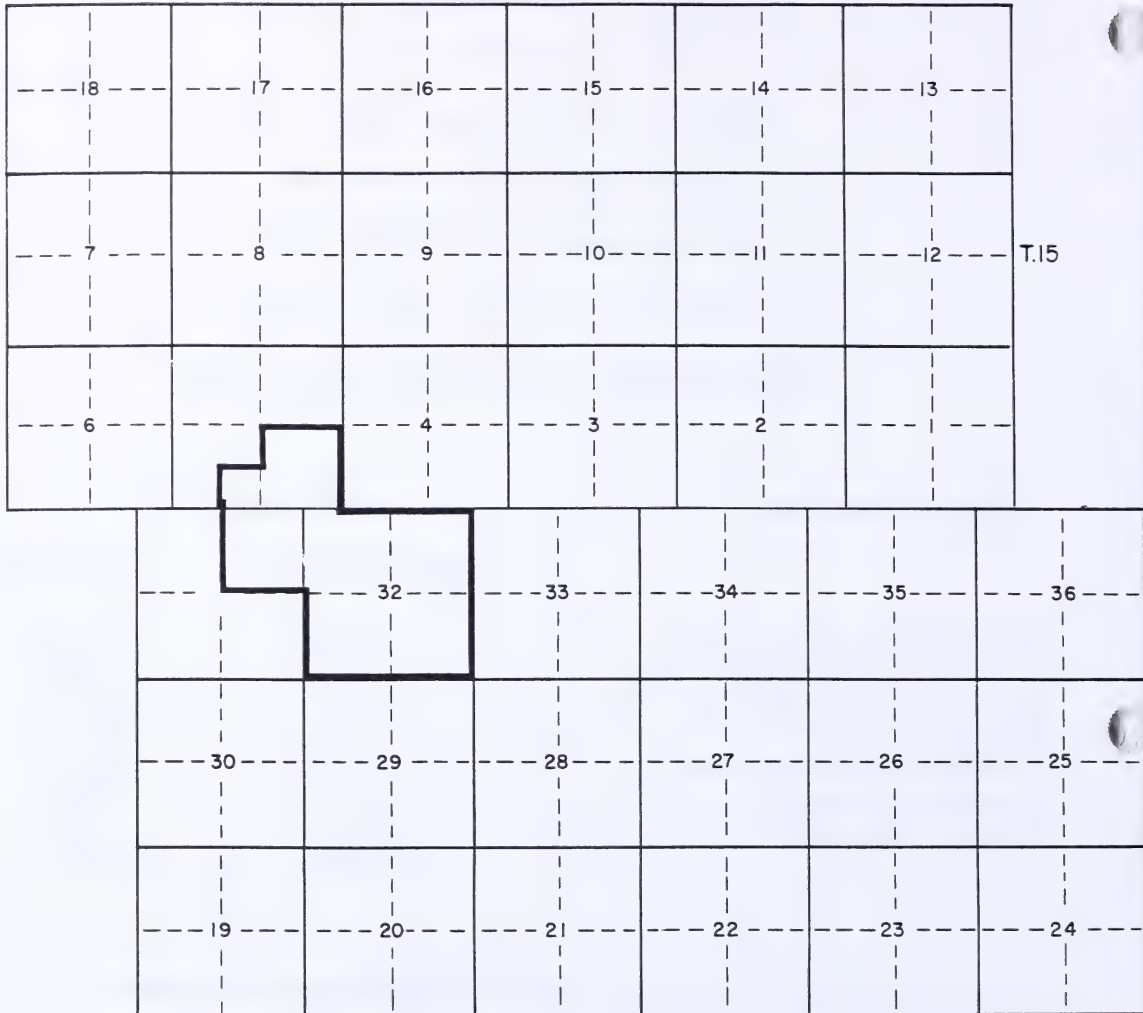
	<u>Oil & Solution Gas</u>	<u>Gas Cap Gas</u>
American Eagle Petroleums Ltd.	30.62757	0.04910
Canadian Natural Resources Limited	2.12750	4.16082
Encor Energy Corporation Inc.	4.37537	0.00702
Esso Resources Canada	23.18609	86.57314
Esso Resources Canada Limited	35.00295	0.05612
Kerr-McGee Canada Ltd.	2.55301	4.99298
Peregrine Petroleum Ltd.	<u>2.12751</u>	<u>4.16082</u>
	100.00000	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.18W4M



LITTLE BOW UPPER MANNVILLE "I" UNIT

INITIAL EFFECTIVE DATE - 1 OCTOBER 1984

UNIT OPERATOR- ESSO RESOURCES CANADA LIMITED

ERCB

MAGRATH BOW ISLAND GAS UNIT # 1

Located in the Bow Island Field

Unit Operator - Pacific Cassiar Limited

Initial Effective Date - 01 September 1990

*Unitized Zone - Bow Island Formation

*Unitized Substance - Petroleum Substances

Working Interest Owners

Per Cent Participation

Juniper Resources Inc.	10.00
Pacific Cassiar Limited	80.00
Rampage Resources Ltd.	<u>10.00</u>
	100.00

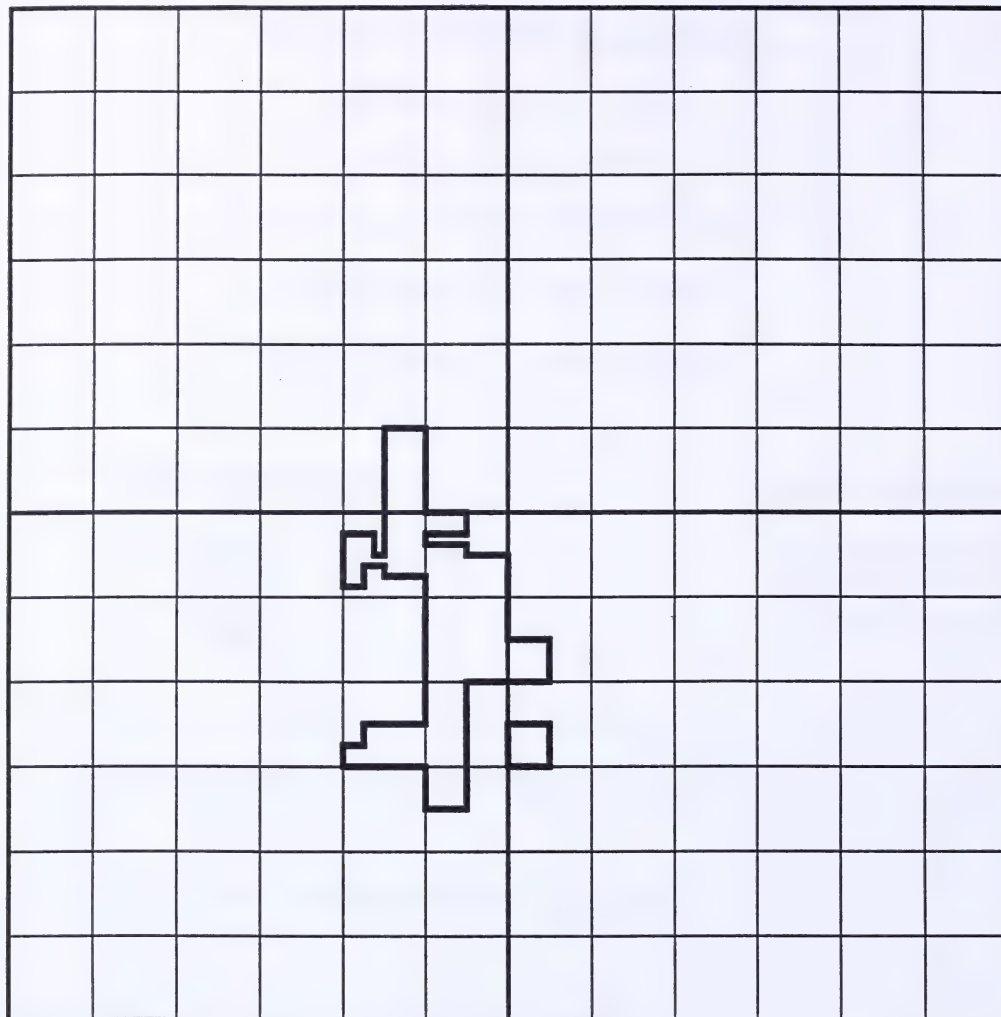
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.22

R.21 W.4M.



MAGRATH BOW ISLAND GAS UNIT NO.1



INITIAL EFFECTIVE DATE- 1 SEPTEMBER 1990

UNIT OPERATOR-PACIFIC CASSIAR LIMITED

MARKERVILLE GAS UNIT NO. 1

Located in the Markerville Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 01 May 1982

Participation Revised - 01 September 1990

*Unitized Zone - Pekisko Formation

*Unitized substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	67.11662
Amoco Canada Resources Ltd.	2.55414
Canada Northwest Energy Limited	2.21540
Canpar Holdings Ltd.	4.03028
Central Explorers Inc.	0.24913
Czar Resources Ltd.	0.33196
Ghost River Resources Ltd.	2.32285
Jameen Resources Ltd.	2.80899
Orbit Oil & Gas Ltd.	6.75023
PanCanadian Petroleum Limited	1.41777
Sceptre Resources Limited	0.15622
Solstead Farms Ltd.	2.94225
Unocal Canada Resources	6.35676
Wilderness Energy Limited	<u>0.74740</u>
	100.00000

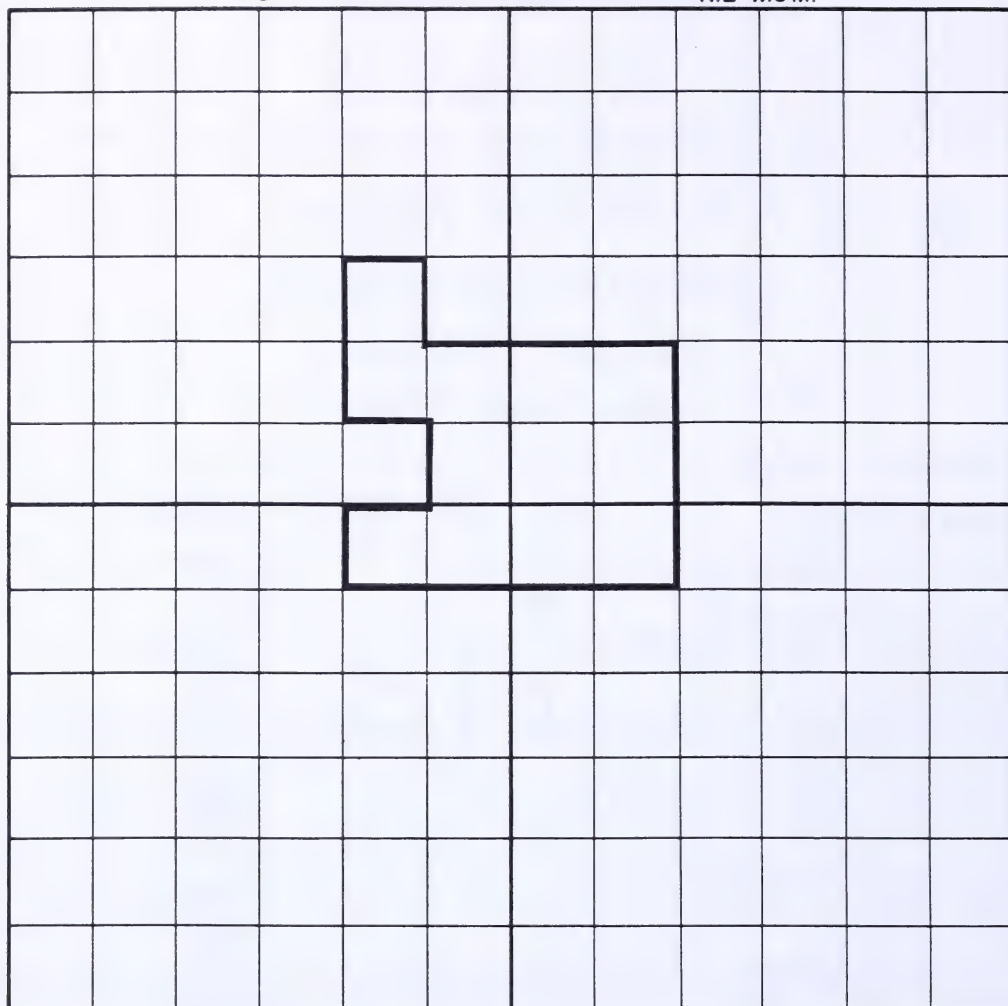
*For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.3

R.2 W.5M.



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MARKERVILLE GAS UNIT NO.1

INITIAL EFFECTIVE DATE - 1 MAY 1982

UNIT OPERATOR- AMOCO CANADA PETROLEUM COMPANY LTD.

 ERCB

MAZEPPA CROSSFIELD UNIT NO. 1

Located in the Okotoks Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 01 August 1986

Participation Revised - 01 December 1990

*Unitized Zone - Crossfield Member

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Adeco Drilling and Engineering Co. Ltd.	0.697564
Amerada Minerals Corporation of Canada Ltd.	18.961309
American Eagle Petroleums Ltd.	0.904763
Amoco Canada Resources Ltd.	0.765422
Canadian Occidental Petroleum Ltd.	50.798514
Canpar Holdings Ltd.	0.542680
Eagle Resources Ltd.	1.055557
Encor Energy Corporation Inc.	0.999210
Enerplus Resources Corporation	0.904764
Everest Oil & Gas Ltd.	0.095123
J.M. Huber Corporation	18.809630
New Jordan Petroleum Ltd.	5.333459
Shooting Star Petroleums Ltd.	<u>0.132005</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

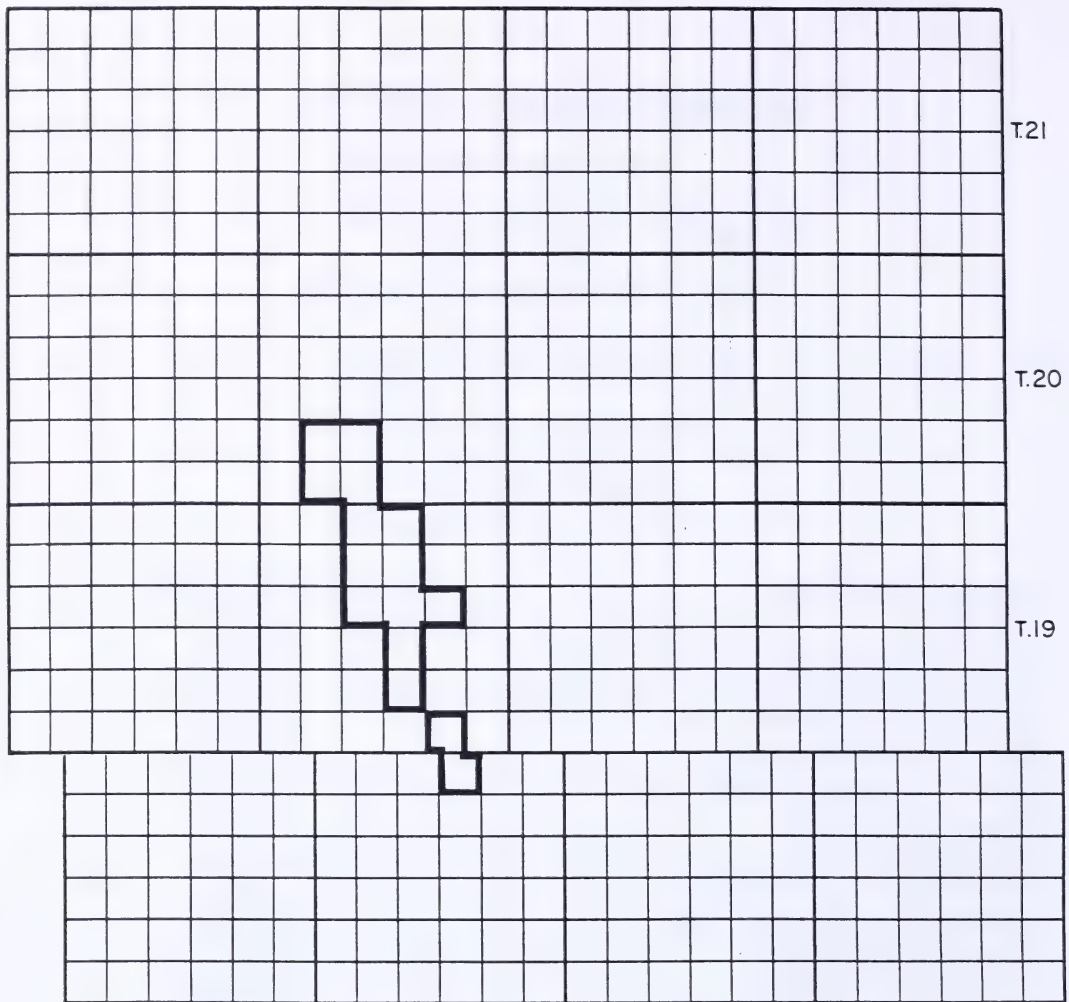
ENERGY RESOURCES CONSERVATION BOARD
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R.29

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R26W4 M



MAZEPPA CROSSFIELD UNIT NO.1

INITIAL EFFECTIVE DATE - 1 AUGUST 1986

UNIT OPERATOR- CANADIAN OCCIDENTAL PETROLEUM LTD.

ERCB

MEDICINE RIVER GLAUCONITE "A" UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 01 November 1972

Participation Revised - 01 September 1990

*Unitized Zone - Glauconite A

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	81.9605
Home Oil Company Limited	12.0264
Mobil Oil Canada	<u>6.0131</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

MEDICINE RIVER PEKISKO "B" POOL UNIT

Located in the Medicine River Field

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 01 August 1970

Participation Revised - 01 October 1990

*Unitized Zone - Pekisko Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

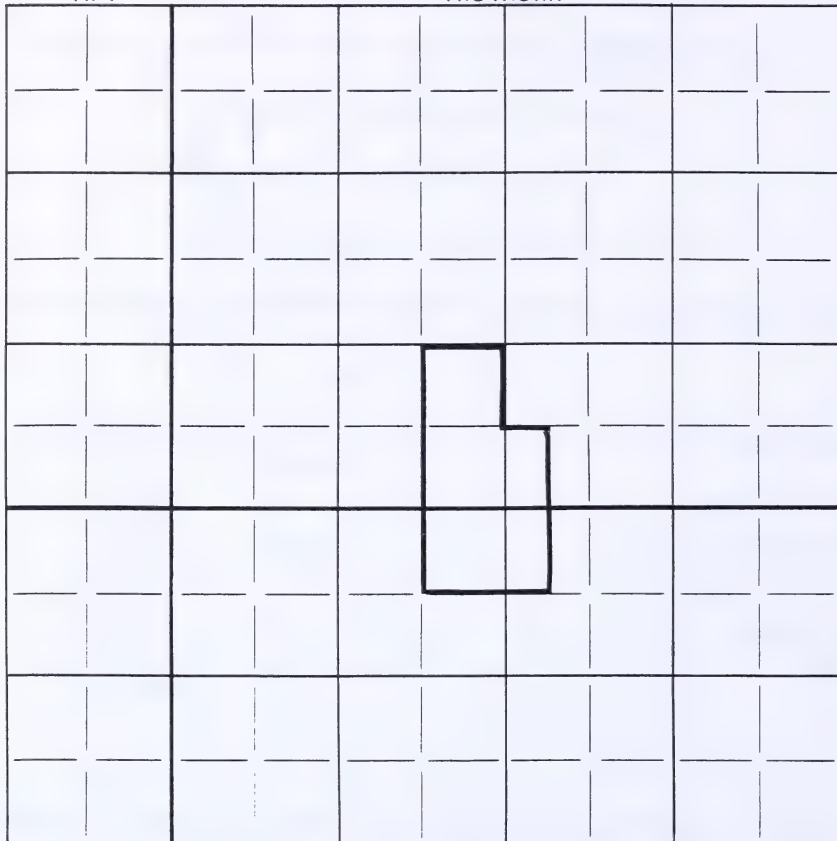
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Resources Ltd.	26.4012
Black Cat Oil & Gas Ltd.	1.0709
Gulf Canada Corporation	33.9706
Oakwood Petroleum Ltd.	0.1890
Petro-Canada Inc.	26.4013
Suncor Inc.	<u>11.9670</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3W.5M.



T. 40

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MEDICINE RIVER PEKISKO "B" POOL UNIT

INITIAL EFFECTIVE DATE - AUGUST 1, 1970

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS LIMITED

MEDICINE RIVER PEKISKO "E" POOL UNIT

Located in the Medicine River Field

Unit Operator - Hudson's Bay Oil and Gas company Limited

Initial Effective Date - 01 July 1970

Participation Revised - 01 October 1990

*Unitized Zone - Pekisko Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

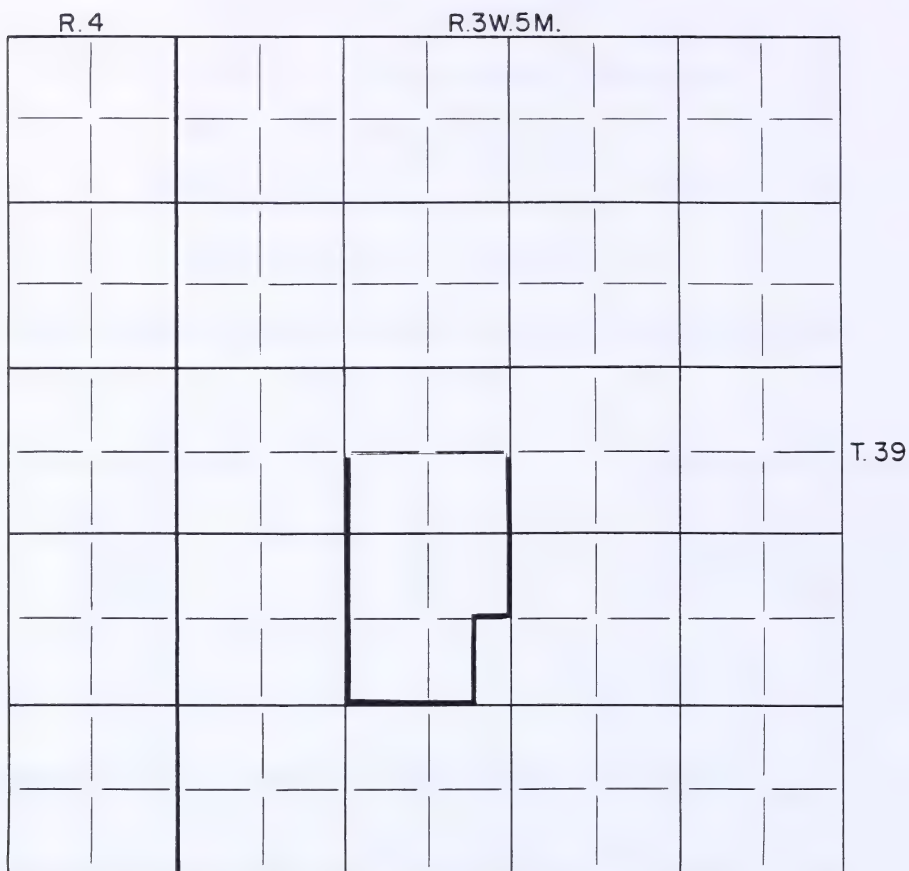
Per Cent Participation

Amoco Canada Resources Ltd.	74.0260
Gulf Canada Corporation	12.9870
Suncor Inc.	<u>12.9870</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



MEDICINE RIVER PEKISKO "E" POOL UNIT

INITIAL EFFECTIVE DATE - JULY 1, 1970

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS LIMITED

MEDICINE RIVER UNIT NO. 2

Unit Operator - Suncor Inc.

Initial Effective Date - 01 June 1966

Participation Revised - 01 June 1990

*Unitized Zone - Basal Quartz B, Jurassic C Formation

*Unitized Substance - Petroleum, natural gas, and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Resources Ltd.	18.485160
Carmangay Oil Ltd.	0.326913
Esso Resources Canada	21.564437
Gulf Canada Resources Limited	14.936744
Kerr-McGee Canada Ltd.	3.803245
Mobil Oil Canada	6.914541
Petro-Canada Inc.	0.367048
Suncor Inc.	31.313518
Texas Crude Oil Company	<u>2.288394</u>
	100.000000

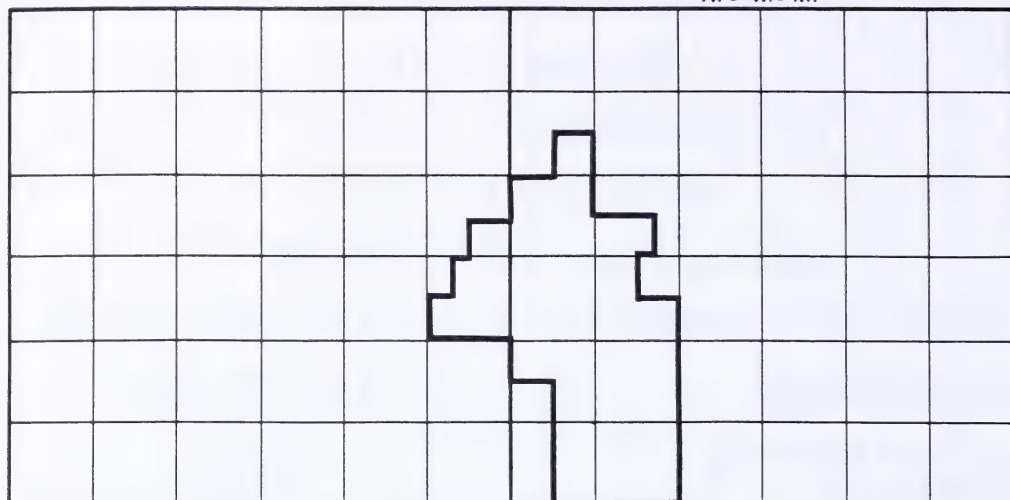
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 4

R. 3 W. 5 M.



MEDICINE RIVER UNIT NO. 2

INITIAL EFFECTIVE DATE - 1 JUNE 1966

UNIT OPERATOR - SUNCOR INC.

ERCB

MEDICINE RIVER UNIT NO. 4

Located in the Medicine River Field

Unit Operator - Pembina Resources Limited

Initial Effective Date - 01 april 1987

Participation Revised - 01 October 1990

*Unitized Zone - Ostracod Formation

*Unitized Substance - Petroleum, natural gas, other hydrocarbons (except coal), raw gas,
and condensate

Working Interest Owners

Per Cent Participation

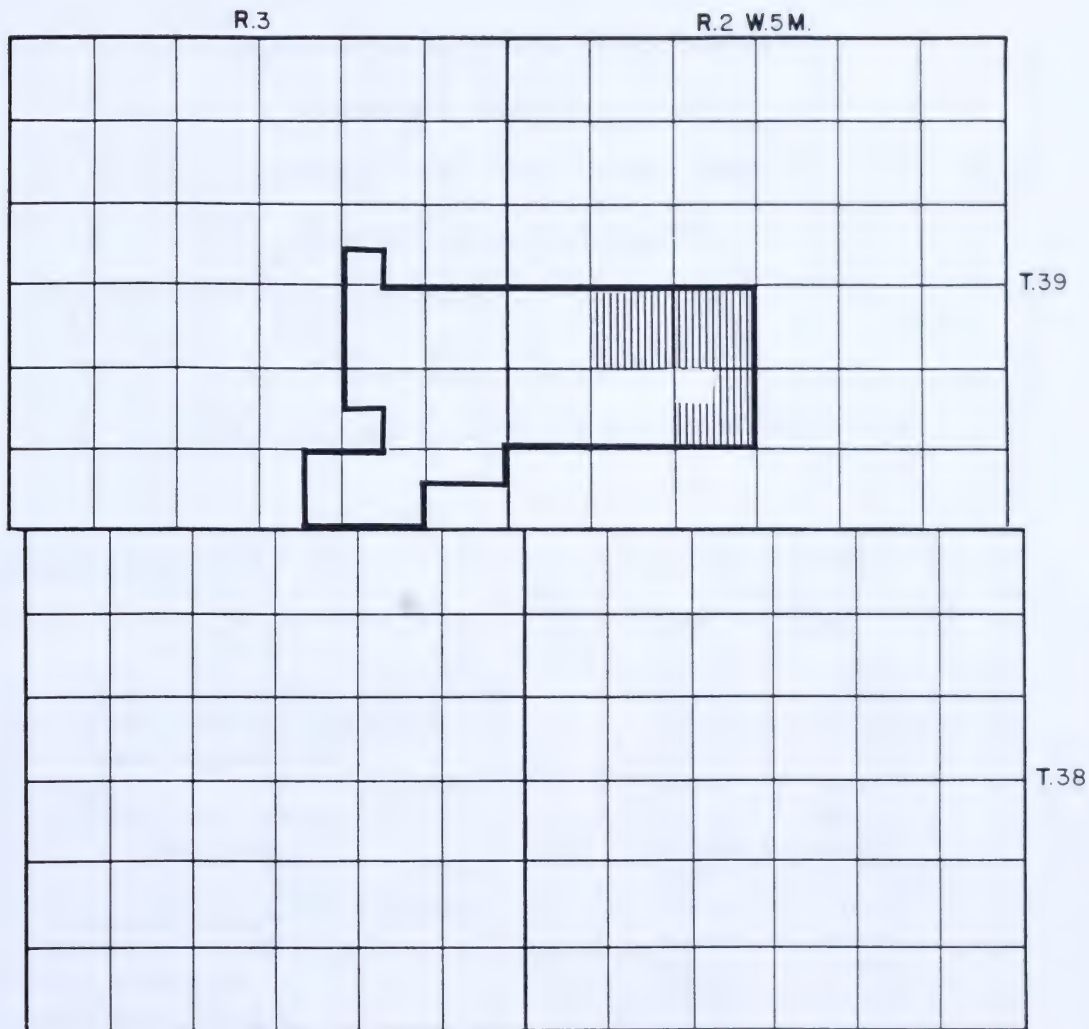
Amerada Minerals corporation of Canada Ltd.	0.551496
Amoco Canada Petroleum Company Ltd.	2.062847
Amoco Canada Resources Ltd.	2.207942
Atcor Ltd.	7.166206
Barnwell of Canada Limited	3.084804
Bow Valley Industries Ltd.	0.164741
Bowtex Energy Ltd.	0.087706
Canadian Roxy Petroleum Ltd.	0.916721
Candor Investments Ltd.	0.656093
Caroline Petroleums (1985) Ltd.	0.312631
Centipede Holdings Ltd.	1.453460
Chevron Canada Resources	3.427217
Cheyenne Petroleum Corporation	3.234774
Cooperative Energy Development Corporation	3.819450
Copetrex Oil & Gas Co. Ltd. (Sixth Program)	0.217953
Copetrex Oil & Gas Co. Ltd. (Seventh Program)	0.217952
Czar Resources Ltd.	0.363367
Enerplus Resources Corporation	3.954224
EMB Management Consultants Ltd.	0.013959
Glenex Industries Inc.	3.024108
Gulf Canada Resources Limited	1.525584
Hartwell Management Ltd.	0.032749

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Harvard International Resources Ltd.	0.365729
HXC Corporation	0.247111
InterKann Gas Ltd.	0.413751
Kerr-McGee Corporation	3.054025
Lario Oil & Gas Company	2.672782
Leddy Exploration Limited	0.444470
Mobil Oil Canada	5.275976
Robert L. McNamara Leaseholds Ltd.	0.038129
R.W. Mitten Enterprises Ltd.	0.937893
Oakwood Petroleums Ltd.	1.857925
Orbit Oil & Gas Ltd.	0.456184
The Paddon Hughes Development Co. Ltd.	6.591820
PanAtlas Energy Inc.	0.027919
PanCanadian Petroleum Limited	1.306314
Pembina Resources Limited	13.079223
Petro-Canada Inc.	0.272910
Prairie Oil Royalties Company, Ltd.	1.872400
Royal Trust Energy Resources II Corporation	1.782297
Sabre Energy Ltd.	1.337357
Sceptre Resources Limited	6.539612
Seapoint Holdings Ltd.	0.457162
Siegert, Rudolf	0.019119
Sylvan Lake Gas Unit No. 2 as represented by the Sylvan Lake Gas Unit No. 2 Operator	11.201042
Thornton Petrophysical Interpretations Ltd.	0.075227
Treasure Oil Exploration Ltd.	0.037613
Universal Explorations Ltd.	0.758665
WWC Ventures Ltd.	<u>0.381361</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



MEDICINE RIVER UNIT NO.4

ERC B

INITIAL EFFECTIVE DATE-1 APRIL 1987

UNIT OPERATOR- PEMBINA RESOURCES LIMITED

UNITIZED SUBSTANCE: PETROLEUM,NATURAL GAS AND
OTHER HYDROCARBONS (EXCEPT COAL)



RAW GAS AND CONDENSATE



MEDICINE RIVER VIKING "D" UNIT NO. 2

Located in the Medicine river Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 may 1987

Participation Revised - 01 December 1990

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

	<u>Interim</u>	<u>Final</u>
Adeco Drilling and Engineering Company Ltd.	2.01723	2.20590
Amoco Canada Petroleum Company Ltd.	2.40120	2.34354
Amoco Canada Resources Ltd.	8.36640	8.56317
Atcor Ltd.	1.57414	1.16279
BP Resources Canada Limited	0.81743	0.85531
Barnwell of Canada Limited	3.13855	3.47491
Blue Range Resources Limited	5.14648	4.36344
C & T Resources (Canadian Jorex Limited)	5.09165	5.00313
Caroline Petroleums (1985 Ltd.)	0.42452	0.48255
Centipede Holdings Ltd.	0.23013	0.17136
Chevron Canada Resources	0.54632	0.44933
Cheyenne Petroleum Corporation	3.35129	3.90863
Cooperative Energy Development Corporation	2.50183	2.79144
Czar Resources Limited	1.99086	1.98016
Dekalb Energy Corporation Ltd.	0.13280	0.21240
Encor Energy Corporation Ltd.	1.19520	1.22331
Enerplus Resources Corporation	1.64234	1.50027
Glenex Industries Inc.	0.48302	0.35587
Gulf Canada Resources Limited	19.56238	20.26774

Working Interest OwnersPer Cent ParticipationInterimFinal

Harvard International Resources Ltd.	0.62677	0.73393
InterKann Gas Ltd.	0.56140	0.49994
Inverness Petroleum Limited	0.04427	0.07080
Kerr-McGee Corporation	1.62971	1.77044
Lario Oil & Gas Company	3.90314	4.28592
Lazy U Cattle Company	0.10851	0.12686
Luscar Ltd.	1.35620	1.13160
Ross R. McKinnon	0.16276	0.19031
Mobil Oil Canada	4.62745	5.02659
R.W. Mitten Enterprises Ltd.	1.27353	1.44764
Norcen Energy Resources Limited	1.35619	1.13159
Paddon Hughes Development Company Ltd.	5.37099	5.99675
PanCanadian Petroleum Limited	2.52090	2.17625
Pembina Resources Limited	4.02315	3.08011
Pencor Petroleum Limited	0.02213	0.03540
Polarex Services (1982) Limited	0.16275	0.19030
Resman Holdings Limited	4.86310	4.37820
Royal Trust Energy Resources II Corporation	0.28533	0.20866
Sabre Energy Ltd.	2.35652	2.16405
Sceptre Resources Limited	0.66674	0.48713
Seapoint Holdings Limited	0.43405	0.50749
Suncor Inc.	2.72204	2.80757
Thornton Petrophysical Interpretations Ltd.	0.11257	0.09090
Treasure Oil Exploration Ltd.	0.04980	0.04545
Universal Explorations Ltd.	<u>0.14623</u>	<u>0.10087</u>
	100.00000	100.00000

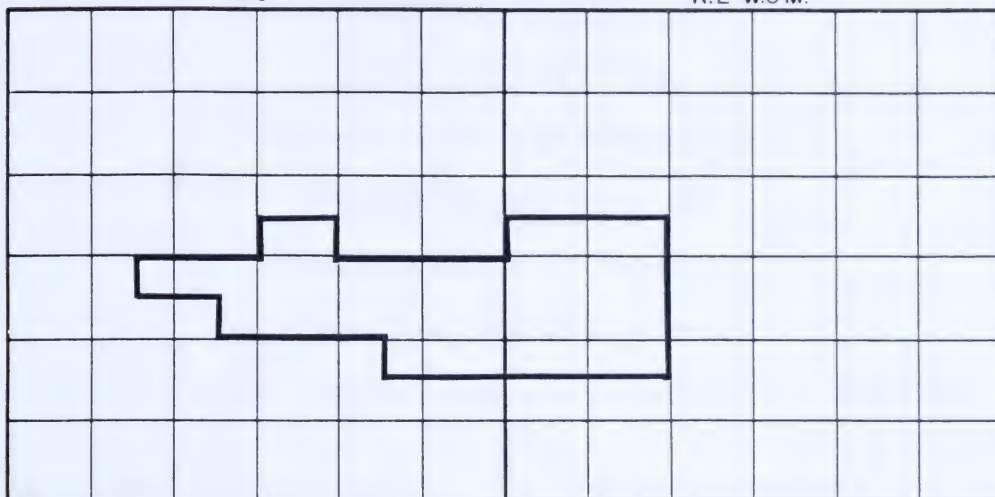
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3

R.2 W.5 M.



T.39



T.38

MEDICINE RIVER VIKING 'D' UNIT NO.2

INITIAL EFFECTIVE DATE- 1 MAY 1987

UNIT OPERATOR- GULF CANADA RESOURCES LIMITED



ERC

MEEKWAP D-2A UNIT NO. 1

Located in the Meekwap Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 May 1974

Participation Revised - 01 October 1990

*Unitized Zone - Nisku (D-2A) Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporaion of Canada Ltd.	3.580418
Gulf Canada Resources Limited	30.711088
J.M. Huber Corporation	4.820512
Mobil Oil Canada	10.229770
Oakwood Petroleums Ltd.	13.727882
PanCanadian Petroleum Ltd.	10.396934
Procan Exploration Company Limited	1.534466
Samedan Oil of Canada, Inc.	13.727880
Saskatchewan Oil and Gas Corporation	8.513290
Shell Canada Limited	<u>2.757760</u>
	100.000000

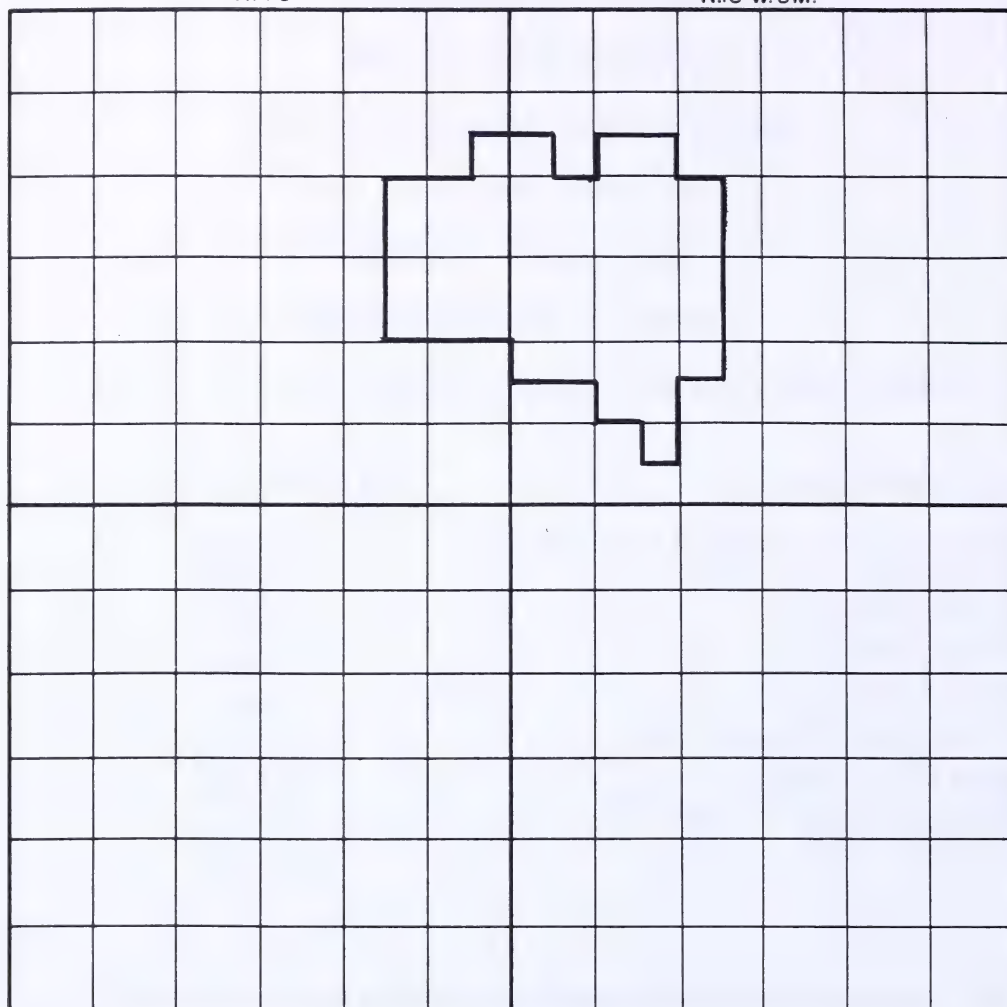
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 16

R.15 W.5M.



T. 66

T. 65

MEEKWAP D-2A UNIT NQ1

INITIAL EFFECTIVE DATE- 1 MAY 1974

UNIT OPERATOR- GULF CANADA RESOURCES LIMITED



MINNEHIK - BUCK LAKE UNIT NO. 1

Located in the Minnehik - Buck Lake Field

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date 01 July 1963

Participation Revised - 01 November 1990

*Unitized Zone - Pekisko

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

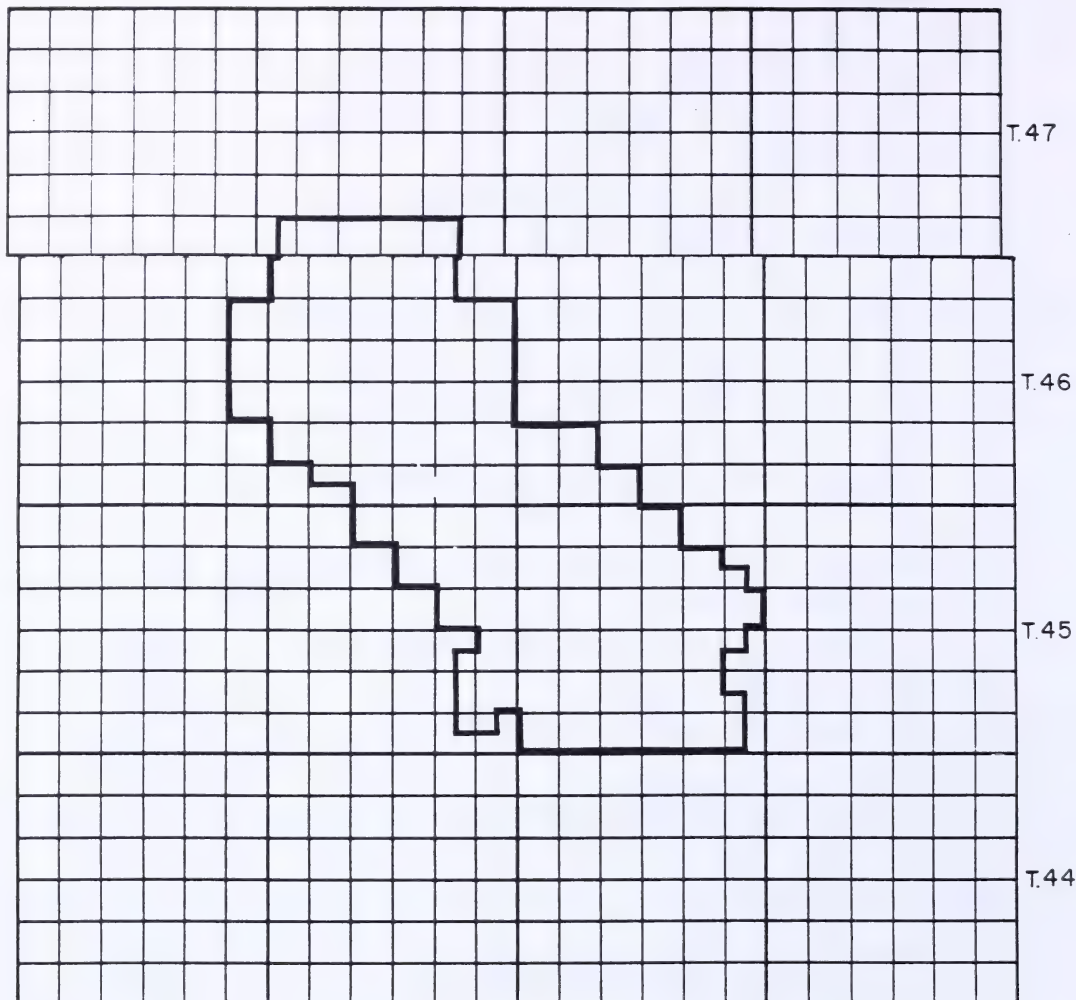
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	9.469570
BP Resources Canada Limited	3.957514
Enerplus Resources Corporation	3.185791
Enerplus Resources Corporation (Halmar)	0.400535
Hoopp Resources Inc.	0.369640
Gulf Canada Resources Limited	4.195744
The Independent Order of foresters Canada Head Office Pension Fund	0.105613
MLC Oil and Gas Ltd.	1.073378
Mobil Oil Canada	7.271409
Norcen Energy Resources Limited	31.987055
OMV (Canada) Ltd.	17.914890
Pensionfund Energy Resources Limited	1.697666
Petro-Canada Inc.	10.094883
Sabre Energy Ltd.	0.496443
Shell Canada Limited	3.957514
Texaco Canada Petroleum Inc.	1.921342
141318 Canada Inc.	0.528059
2318-4518 Quebec Inc.	1.056120
636652 Ontario Inc.	0.316834
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 4 W. 5 M.



ERC

UNIT OPERATOR—NORCEN ENERGY RESOURCES LIMITED

MONOGRAM GAS UNIT

Located in the Alderson Field

Unit Operator - BP Resources Canada Limited

Initial Effective Date - 01 June 1975

Participation Revised - 01 November 1990

*Unitized Zone - Milk River, Medicine Hat & Second White Specks

*Unitized Substance - Gas

Working Interest Owners

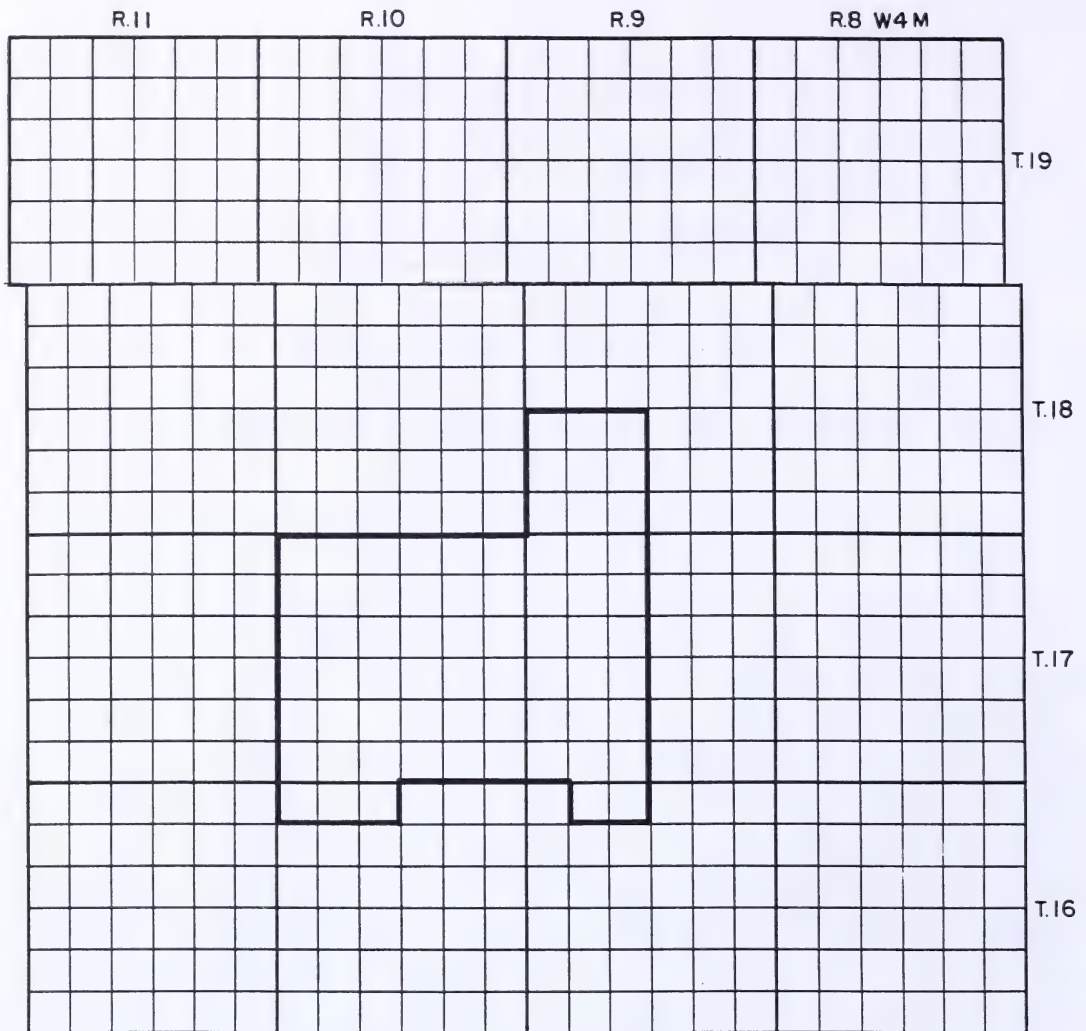
Per Cent Participation

Amoco Canada Resources Ltd.	2.8267
BP Resources Canada Ltd.	33.5032
Bowtex Energy (Canada) Corporation	0.2014
Enerplus Resources Corporation	2.9995
Esso Resources Canada	1.0400
Exchange Resources Ltd.	27.9530
PanCanadian Petroleum Limited	6.3722
Pensionfund Energy Resources Limited	3.8273
Trilogy Corporation	<u>21.2767</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



MONOGRAM GAS UNIT



INITIAL EFFECTIVE DATE- 1 JUNE 1975

UNIT OPERATOR- BP RESOURCES CANADA LIMITED

NEVIS UNIT NO. 1

Located in the Nevis and Erskine Fields

Unit Operator - Chevron Canada Resources

Initial Effective Date - 01 December 1959

Participation Revised - 01 September 1990

*Unitized Zone - Nisku, Ireton and Leduc Formation

*Unitized Substance - Gas and oil

Working Interest Owners

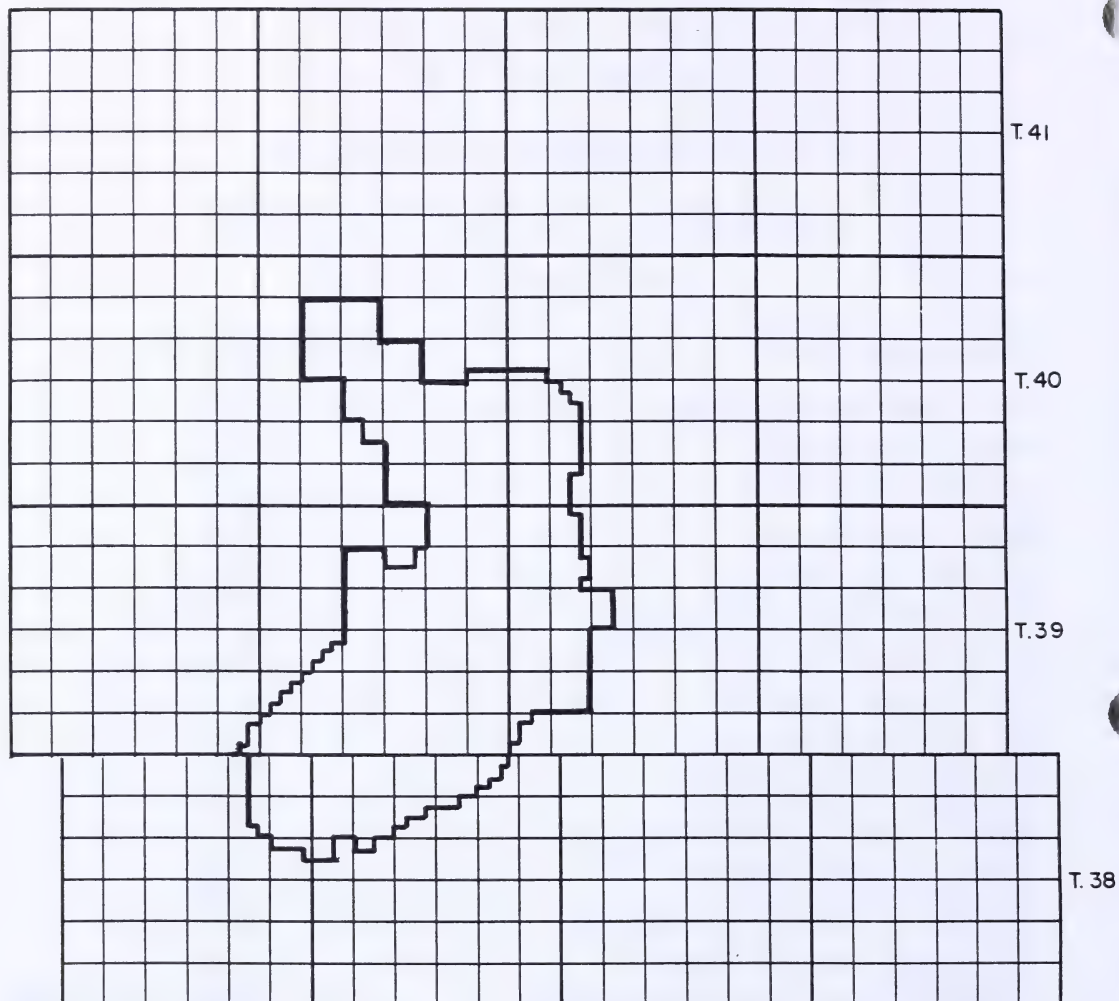
Per Cent Participation

Amoco Canada Petroleum Company Ltd.	3.14982
Amoco Canada Resources	1.87392
Anderson Exploration Ltd.	1.62690
Barlow Bros. Ltd.	0.36724
Barlow Development Ltd.	0.36724
Bow Valley Industries Ltd.	0.20459
BP Resources Canada Limited	0.76648
Canadian Occidental Petroleum Limited	0.14446
Canadian Superior Oil Ltd.	3.05226
Chevron Canada Resources	16.62435
Esso Resources Canada	0.22147
Esso Resources Canada Limited	2.94521
Gulf Canada Resources Limited	28.46249
Harvard International Resources Ltd.	3.23573
Home Oil Company Limited	15.07666
Husky Oil Operations Ltd.	0.42526
Inter-Rock Oil Company of Canada Ltd.	0.28363
Norcen Energy Resources Limited	6.85466
The Paddon Hughes Development Co. Ltd.	1.03324
PanCanadian Petroleum Limited	0.35728
Petro-Canada Inc.	5.39103
Plainsman Exploration Ltd.	3.25076
Scurry-Rainbow Oil Limited	2.06912
Shell Canada Limited	1.53394
Synerg Energy Ltd.	0.01502
Tap Capital Gas Corporation	0.00698
Trail Creek Resources Ltd.	0.15691
Westcoast Petroleum Ltd.	0.50335
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

R.20W4 M

**ERCB**

UNIT OPERATOR - CHEVRON CANADA RESOURCES

NITON UNIT

Located in the Niton Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 01 November 1973

Participation Revised - 01 January 1990

*Unitized Zone - Basal Quartz Sand

*Unitized Substance - Crude oil or gas

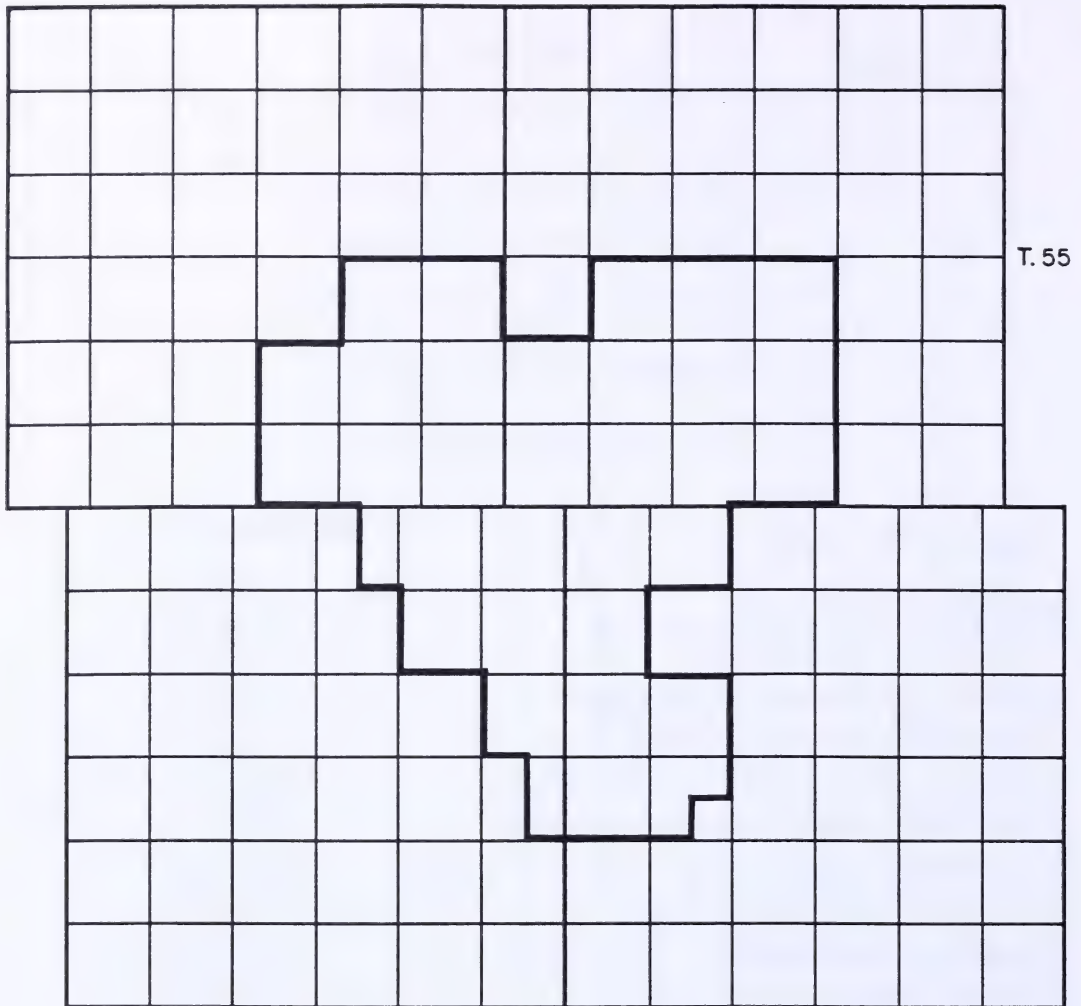
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Acquifund Resources Limited	7.29889075
Amoco Canada Petroleum Company Ltd.	6.68404600
Amoco Canada Resources Ltd.	18.73530410
Columbia Gas Development Canada Limited	0.14033700
Conwest Exploration Canada Limited	1.05185300
Cooperative Energy Development Corporation	1.16916360
Corexcana Ltd.	0.65979300
CWCP Resources Inc.	3.89640100
DCP Canada Inc.	1.20501250
Esso Resources Canada Limited	25.96420300
Harvard International Resources Ltd.	0.54663800
Headco Exploration Co. Ltd.	5.26123620
Home Oil Company Limited	3.19698600
Kerr-McGee Canada Ltd.	5.34208400
Lario Oil & Gas Company	5.26123620
Mobil Oil Canada	6.60878100
NCE Oil & Gas (87-1) Ltd.	1.31076025
Petrorep (Canada) Ltd.	1.81443300
398603 Alberta Ltd.	<u>3.85284140</u>
	100.00000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.12W.5 M.



ERCB

UNIT OPERATOR - ESSO RESOURCES CANADA LIMITED

NORDEGG GAS UNIT NO. 1

Located in the Brazeau River Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 April 1970

Participation Revised - 01 August 1990

*Unitized Zone - Elkton, Turner Valley, Upper Shunda, and Lower Shunda

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Esso Resources Canada Limited	12.99350
Gulf Canada Resources Limited	37.72265
Harvard International Resources Ltd.	24.29125
Home Oil Company Limited	2.51960
Mobil Oil Canada	12.99350
Shell Canada Limited	6.60440
Total Petroleum Canada Ltd.	<u>2.87510</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

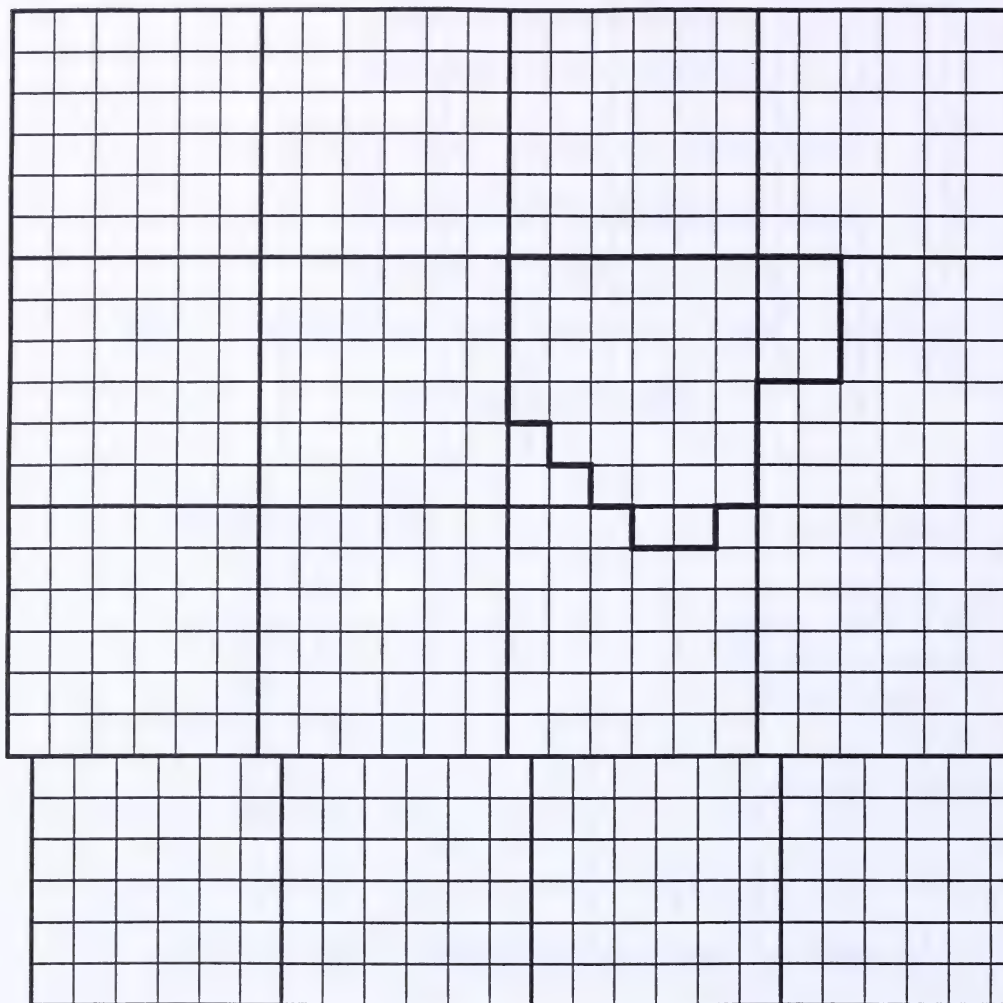
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.14

R.13

R.12

R.11 W.5M.



NORDEGG GAS UNIT NO.1



INITIAL EFFECTIVE DATE- 1 APRIL 1970

UNIT OPERATOR-GULF CANADA RESOURCES LIMITED

OYEN GAS UNIT NO. 3

Located in the Oyen Field

Unit Operator - American Trading and Production Corporation

Initial Effective Date - 01 October 1970

Participation Revised - 01 July 1990

*Unitized Zone - Viking Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

American Trading and Production Corporation	50.1793
Amoco Canada Resources Ltd.	7.8910
Canor Energy Ltd.	7.6851
Comaplex Resources International Ltd.	7.6851
Esso Resources Canada Limited	14.9058
Irving Industries (Foothills Steel Foundry Division)	3.5426
Irving Industries (Irving Wire Products Division) Ltd.	7.0852
Scotia Oil Limited	<u>1.0979</u>
	100.0000

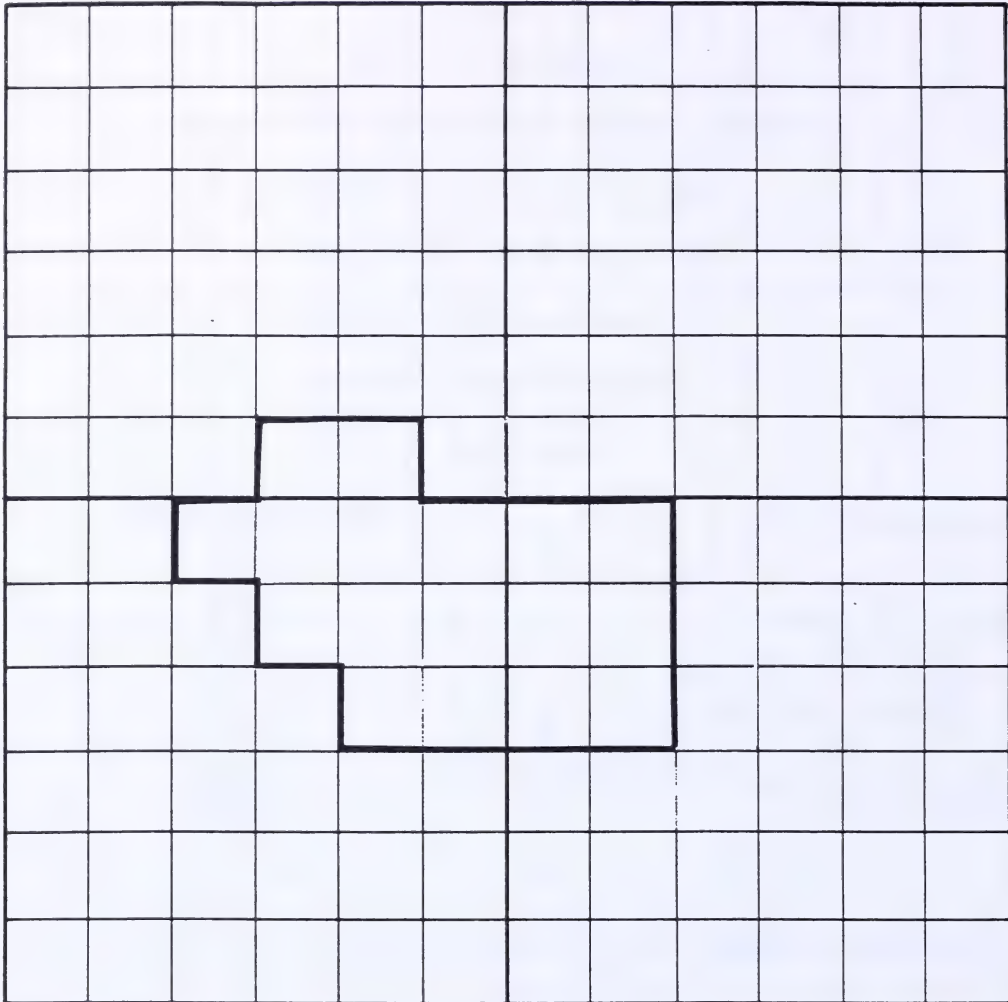
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 4

R.3 W.4M.



T.30

T.29

OYEN GAS UNIT NO.3



INITIAL EFFECTIVE DATE - 1 OCTOBER 1970

UNIT OPERATOR - AMERICAN TRADING AND PRODUCTION CORPORATION

OYEN VIKING SAND GAS UNIT

Unit Operator - Hudson's Bay oil and Gas Company Limited

Initial Effective Date - 07 November 1958

Participation Revised - 01 October 1990

*Unitized Zone - Viking

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.
Encor Energy Corporation Inc.

54.83938
45.16062
100.00000

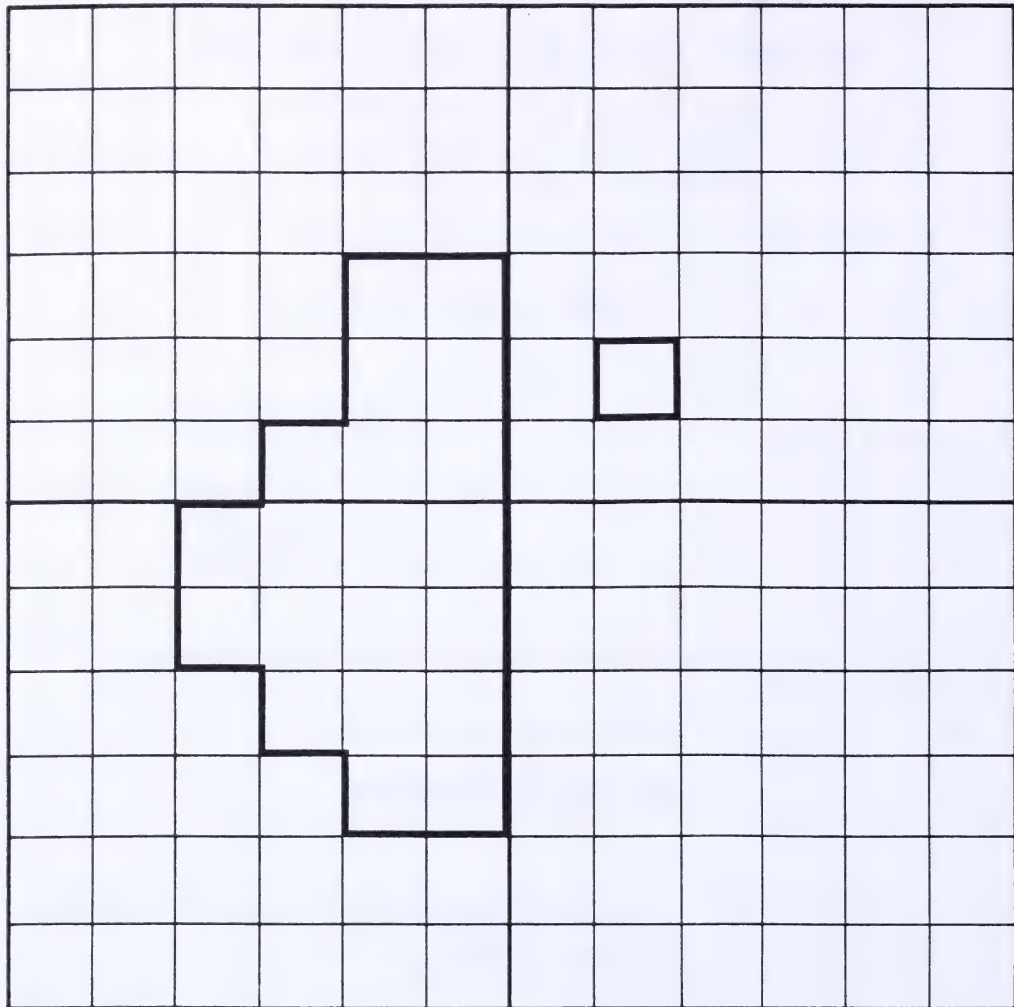
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.5

R.4 W.4M.



T.29

T.28

OYEN VIKING SAND GAS UNIT



INITIAL EFFECTIVE DATE - 7 NOVEMBER 1958

UNIT OPERATOR- HUDSON'S BAY OIL AND GAS COMPANY LIMITED

PADDLE RIVER GAS UNIT NO. 1

Located in the Paddle River Field

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 01 February 1966

Participation Revised - 01 October 1990

*Unitized Zone - Jurassic-Detrital Formation and Pekisko Pool Area

*Unitized Substance - Natural gas and other hydrocarbons (including casinghead gas, crude oil from a well designated as a gas well)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	22.869
Amoco Canada Resources Ltd.	5.631
Canadian Occidental Petroleum Ltd.	41.045
Encor Energy Corporation Inc.	1.877
Harvard International Resources Ltd.	9.312
Kenesen Resources Ltd.	0.449
Petro-Canada Inc.	9.506
Texaco Canada Resources	9.311
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

PEMBINA BELLY RIVER B SOUTH UNIT

Located in the Pembina Field

Unit Operator - Pembina Resources Limited

Initial Effective Date - 01 August 1972

Participation Revised - 01 December 1990

*Unitized Zone - Belly River Formation

*Unitized Substance - Petroleum, natural gas and related hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

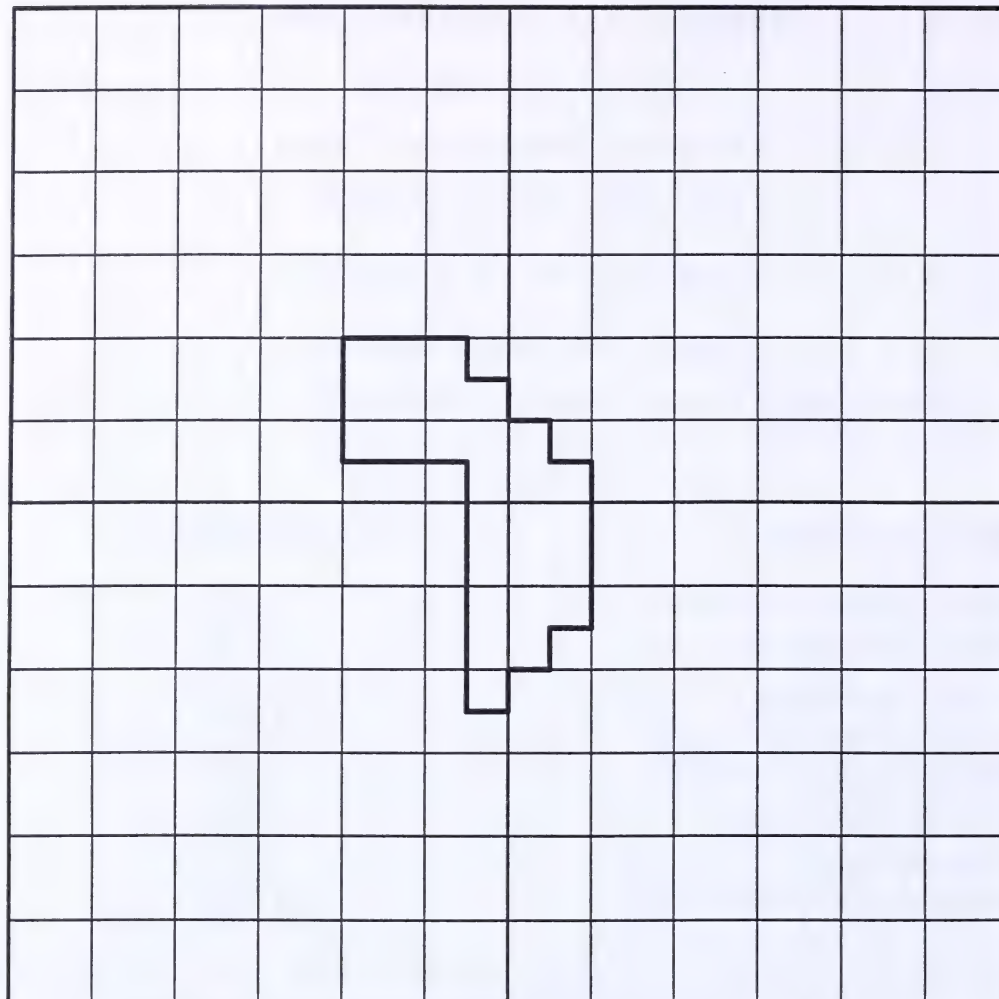
Canadian Occidental Petroleum Ltd.	3.29548
Chevron Canada Resources	2.79439
Esso Resources Canada	20.93101
J.M. Huber Corporation	14.26437
Kerr-McGee Canada Ltd.	18.68274
Norcen Energy Resources Limited	3.01298
Paloma Petroleum Ltd.	3.01297
Pembina Resources Limited	28.82982
Shell Canada Limited	2.32335
Southmark Acquisitions Canada Ltd.	<u>2.85289</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3 W.5M.



T.48

T.47

UNIT OPERATOR—PEMBINA RESOURCES LIMITED

PEMBINA BELLY RIVER "L" UNIT

Located in the Pembina Field

Unit Operator - Musketeer Energy Ltd.

Initial Effective Date - 01 July 1968

Participation Revised - 01 December 1990

*Unitized Zone - Belly River Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	61.50986
Norcen Energy Resources Limited	25.00000
Norwich Resources Canada Ltd.	<u>13.49014</u>
	100.00000

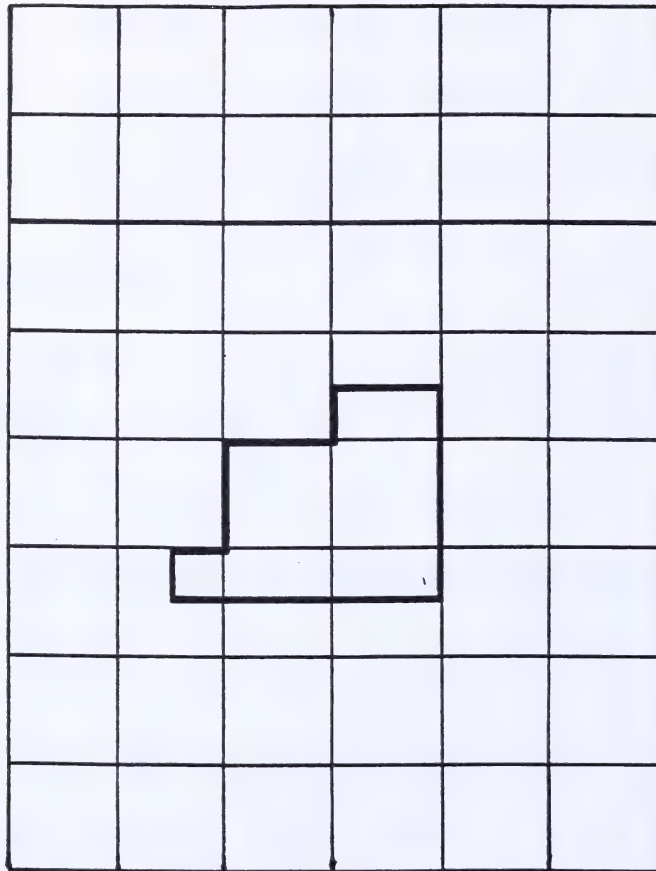
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3

R.2W.5M.



T.49

T.48

PEMBINA BELLY RIVER "L" UNIT

INITIAL EFFECTIVE DATE - JULY 1, 1968

UNIT OPERATOR - MUSKETEER ENERGY LTD.

D.P.D.H. SOUTH PEMBINA CARDIUM UNIT NO. 3

(Pembina Cardium Unit No. 3)

Located in the Pembina Field

Unit Operator -Pembina Resources Limited

Initial Effective Date - 01 January 1960

Participation Revised - 01 December 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons
(other than coal)

Working Interest Owners

Per Cent Participation

BP Resources Canada Limited	52.27
Chauvco Oil & Gas Ltd.	2.13
Mobil Oil Canada	1.88
Norcen Energy Resources Limited	11.83
Pembina Resources Limited	<u>31.89</u>
	100.00

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.8 W.5M.

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9			12
6	5	4			1

T.47

PEMBINA CARDIUM UNIT NO. 3



INITIAL EFFECTIVE DATE- 1 JANUARY 1960

UNIT OPERATOR-PEMBINA RESOURCES LIMITED

PEMBINA CARDIUM UNIT NO. 7

Located in the Pembina Field

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 01 May 1961

Participation Revised - 01 November 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Resources Canada	65.4988
DeKalb Mining Corporation	19.2616
Esso Resources Canada Ltd.	<u>15.2396</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

UNIT OPERATOR — DOME PETROLEUM LIMITED

PEMBINA CARDIUM UNIT NO. 9 (BLUE RAPIDS AREA)

Located in the Pembina Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 01 April 1962

Participation Revised - 01 November 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

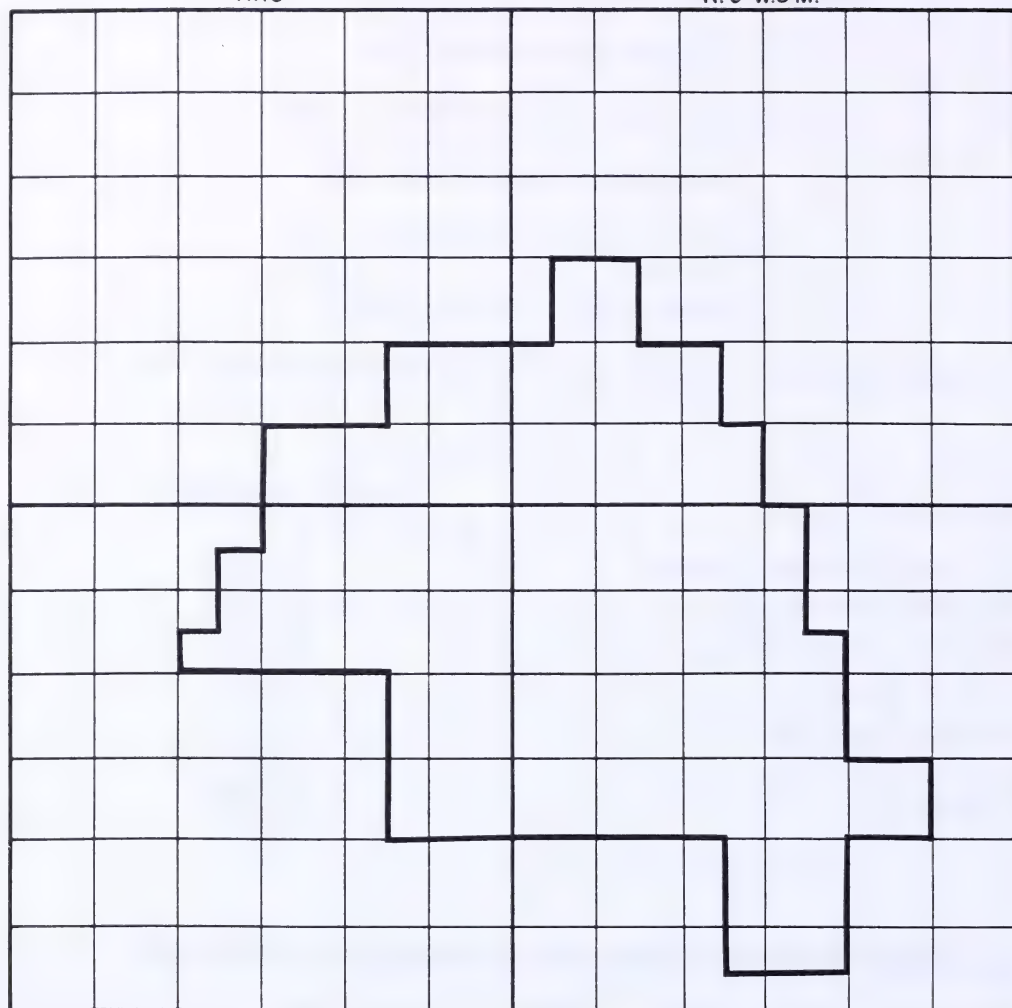
Amoco Canada Petroleum Company	30.17382
Amoco Canada Resources Ltd.	32.82813
Encor Energy Corporation Inc.	16.61555
Esso Resources Canada Limited	2.31574
Indra Oil & Gas Ltd.	0.04837
Kerr-McGee Canada Ltd.	5.53852
Mobil Oil Canada	2.51403
Rife Resources Ltd.	<u>9.96584</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 9 W. 5 M.



T. 48

T. 47

ERC

UNIT OPERATOR- AMOCO CANADA PETROLEUM COMPANY LTD.

PEMBINA CARDIUM UNIT NO. 20

Located in the Pembina Field

Unit Operator - Pembina Resources Limited

Initial Effective Date - 01 August 1960

Participation Revised - 01 December 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Crude Oil, natural gas, condensate, all hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

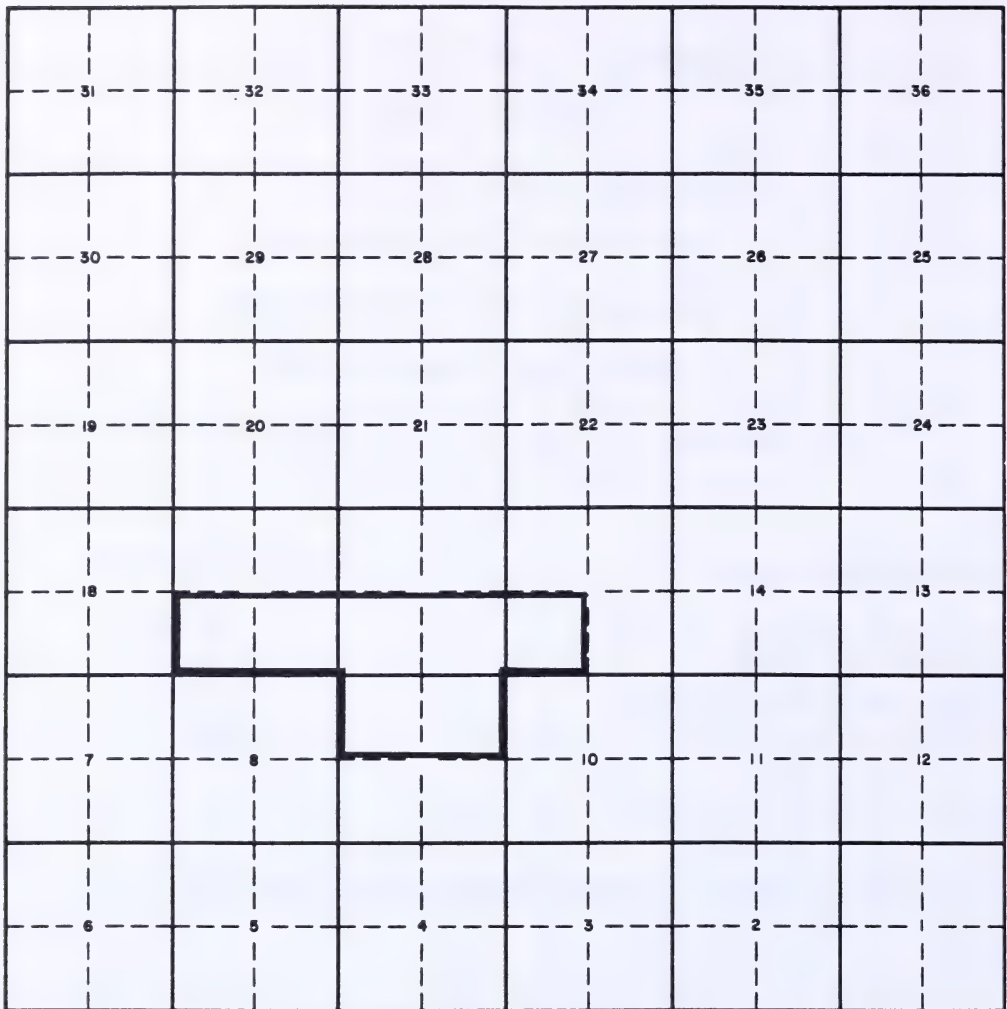
Chauvco Oil & Gas Ltd.	1.70
Eso Resources Canada	29.81
Norcen Energy Resources Limited	13.63
Pembina Resources Limited	<u>54.86</u>
	100.00

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.8W.5M.



T. 49

PEMBINA CARDIUM UNIT NO. 20

ERCB

INITIAL EFFECTIVE DATE - 1 AUGUST 1960

UNIT OPERATOR - PEMBINA RESOURCES LIMITED

PEMBINA KEYSTONE CARDIUM UNIT NO. 3

Located in the Pembina Field

Unit Operator - Amoco Canada Resources Ltd.

Initial Effective Date - 01 July 1969

Participation Revised - 01 October 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and related hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Alba Petroleum Corporation	0.18608
Amoco Canada Resources Ltd.	40.03516
BP Resources Canada Limited	16.83500
Canadian occidental Petroleum Ltd.	1.55254
Chevron Canada Resources Limited	6.92043
Cross-Town Holdings Limited	0.13452
Esso Resources Canada Limited	0.86203
Albertina M. Koetsier	0.06726
Nauss, J.H.	1.29419
Norcen Energy Resources Limited	16.10320
Norwich Resources Canada Ltd.	10.89271
Scurry-Rainbow Oil Limited	0.93826
Shell Canada Limited	1.68328
Star Oil & Gas Ltd.	<u>2.49534</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

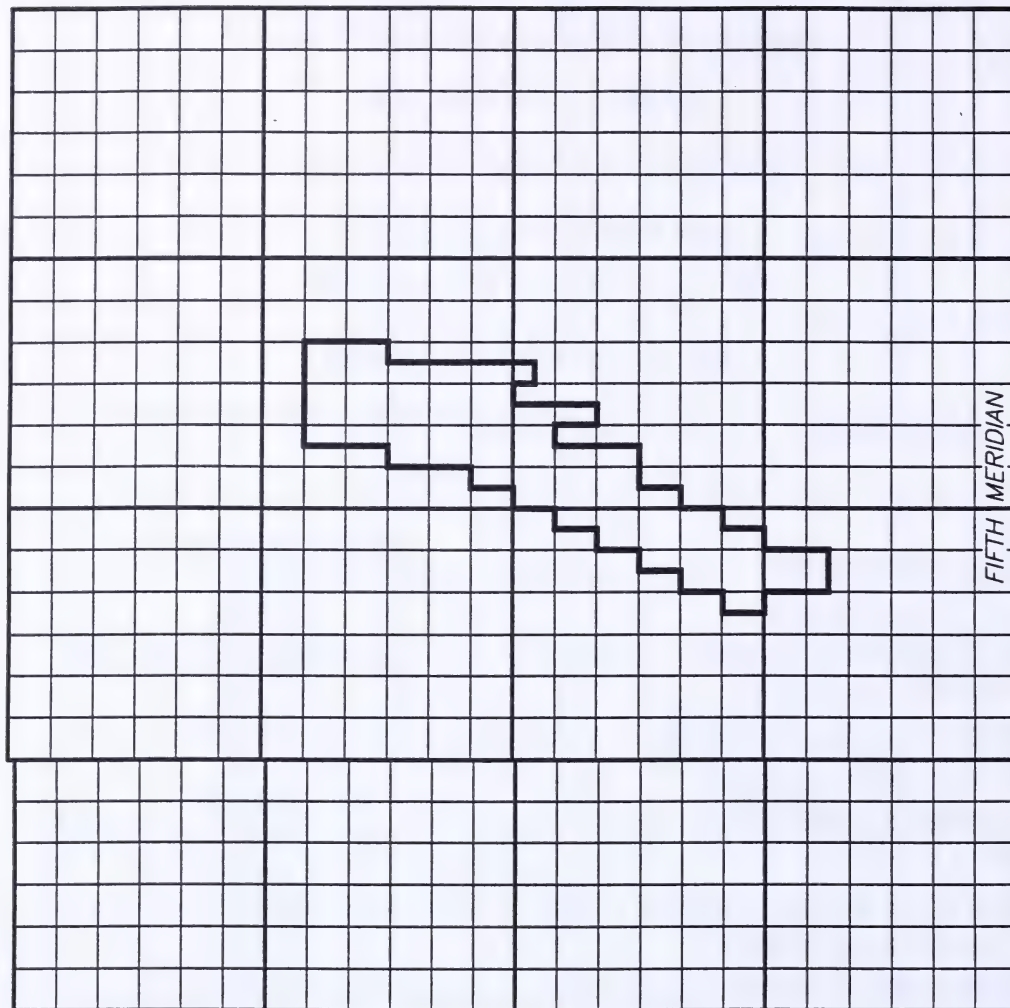
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.4

R.3

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R.1 W.5M.



T.49

T.48

T.47

T.46

FIFTH MERIDIAN

PEMBINA KEYSTONE CARDIUM UNIT NO.3



INITIAL EFFECTIVE DATE— 1 JULY 1969

UNIT OPERATOR—AMOCO CANADA RESOURCES LTD.

PEMBINA - KEYSTONE "WEST" BELLY RIVER U POOL UNIT

Located in the Pembina Field

Unit Operator - Lyleton Corporation

Initial Effective Date - 01 November 1990

*Unitized Zone - Belly River Formation

*Unitized Substance - Petroleum Substances

Working Interest Owners

Per Cent Participation

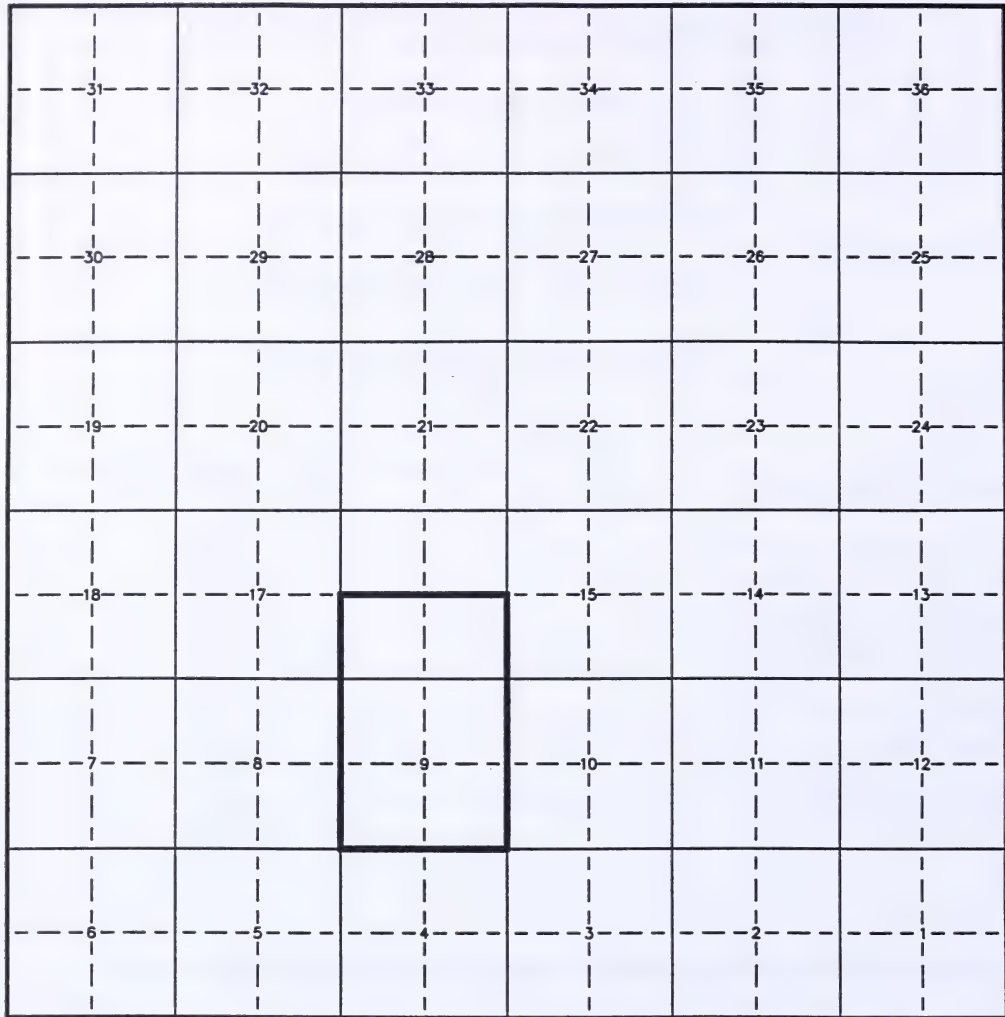
Burk Royalty Co.	12.5856
Chevron Canada Resources	16.6093
Dr. George H. Sullivan	6.2928
Francarep Canada Limited	1.4313
Intensity Resources Ltd.	7.4463
Lyleton Corporation	25.1711
OMV (Canada) Ltd.	7.1557
Petrorep (Canada) Ltd.	7.1557
Sabre Energy Ltd.	<u>16.1522</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3 W.5M.



T.47

PEMBINA-KEYSTONE WEST BELLY RIVER U POOL UNIT

INITIAL EFFECTIVE DATE- 1 NOVEMBER 1990

UNIT OPERATOR- LYLETON CORPORATION



PROVOST VETERAN VIKING "C" SOUTH UNIT

Located in the Provost Field

Unit Operator - Enerplus Resources Corporation

Initial Effective Date - 01 June 1973

Participation Revised - 01 November 1990

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

A.I.S. Resources Limited	4.557482
Cloverdale Oil & Gas Ltd.	1.706205
Encor Energy Corporation Inc.	1.094891
Enerplus Resources Corporation	27.810217
Fraser Exploration Ltd.	0.319342
Harvard International Resources Ltd.	43.795620
Jersey Investments Ltd.	3.430656
Kerr-McGee Canada Ltd.	2.189781
Koch Exploration Canada, Ltd.	8.526463
Norcen Energy Resources Limited	1.824817
Petrocorp Exploration Canada Ltd.	3.284672
Universal Explorations Ltd.	<u>1.459854</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

PROVOST VIKING VETERAN UNIT

Located in the Provost Field

Unit Operator - Enerplus Resources Corporation

Initial Effective Date - 01 April 1971

Participation Revised - 01 December 1990

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

A.I.S. Resources Limited	0.869377
Aldona Mines Limited	0.521626
Amoco Canada Resources Ltd.	5.140094
Bow Valley Industries Ltd.	8.911023
Encor Energy Corporation	0.230009
Enerplus Resources Corporation	28.776174
Gardiner Oil and Gas Limited	1.188136
Kerr-McGee Canada Ltd.	17.326263
Koch Exploration Canada, Ltd.	9.815857
LaBorde Petroleums Limited	0.309137
NCE Oil & Gas (88-1) Ltd.	2.013905
Norcen Energy Resources Limited	3.425781
Owen Investors Ltd.	0.309137
Petrocorp Exploration Canada Ltd.	0.690026
Petroterra Natural Resources Ltd.	0.500669
Plainsman Exploration Ltd.	1.153452
Prairie Oil Royalties Company, Ltd.	0.652783
Ranchmen's Resources Ltd.	1.973380
Saskatchewan Oil and Gas Corporation	4.971145
Synerg Energy Ltd.	0.652785
Triton Canada Resources Ltd.	<u>10.569241</u>
	100.000000

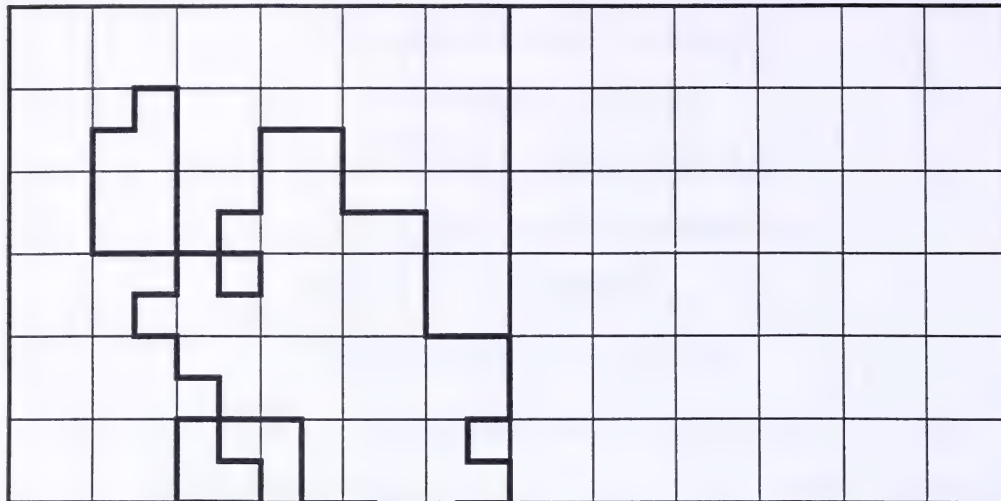
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

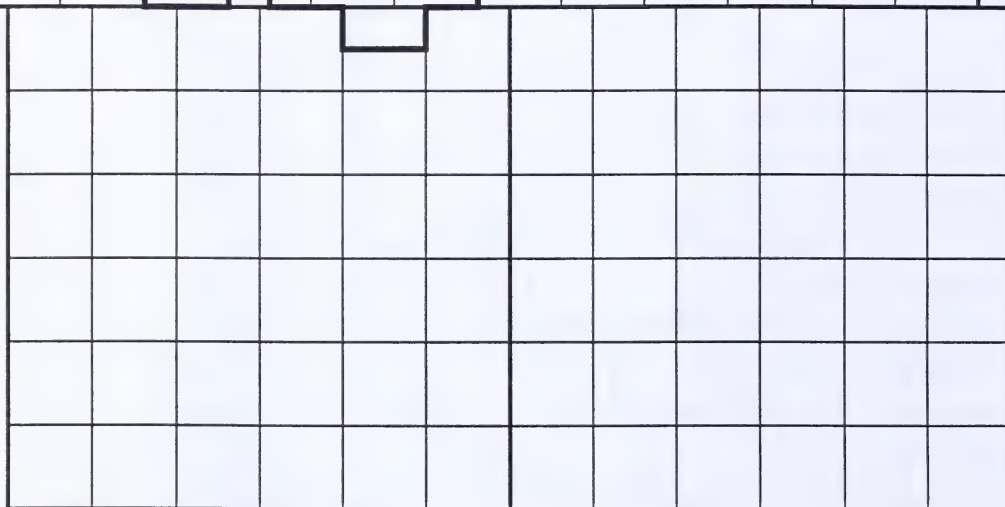
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9

R.8 W.4M.



T.35



T.34

PROVOST VIKING VETERAN UNIT



INITIAL EFFECTIVE DATE- 1 APRIL 1971

UNIT OPERATOR-ENERPLUS RESOURCES CORPORATION

RED EARTH SLAVE POINT A POOL UNIT NO. 2

Located in the Red Earth Field

Unit Operator - Dorset Exploration Ltd.

Initial Effective Date - 01 July 1990

*Unitized Substance - Petroleum Substances

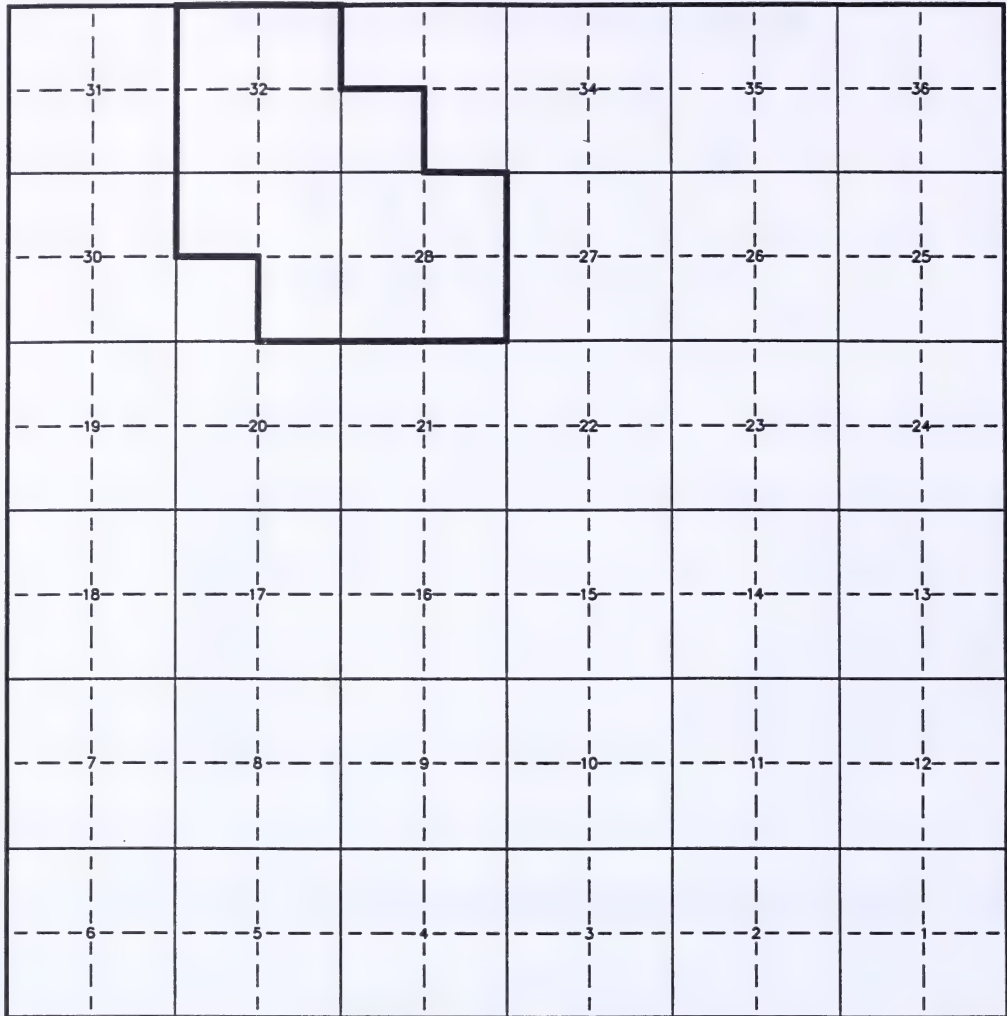
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Trading & Production Department	1.06227
Bow Valley Industries Ltd.	0.53893
Chauvco Resources Ltd.	3.64104
Dorset Exploration Ltd.	53.64795
Mark Resources Inc.	15.48011
Ranger Oil Limited	3.64104
Sceptre Resources Limited	3.36282
W.F. Brawn Exploration Ltd.	17.77652
Wintershall Canada Ltd.	<u>0.84932</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.8 W.5M.



T.88

RED EARTH SLAVE POINT A POOL UNIT NO.2



INITIAL EFFECTIVE DATE- 1 JULY 1990

UNIT OPERATOR-DORSET EXPLORATION LTD.

RICH GAS UNIT NO. 1

Located in the Provost Field

Unit Operator - Ranger Oil Ltd.

Initial Effective Date - 01 June 1969

Participation Revised - 01 July 1990

*Unitized Zone - Glauconite Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Ranger Oil Ltd.

100.00

100.00

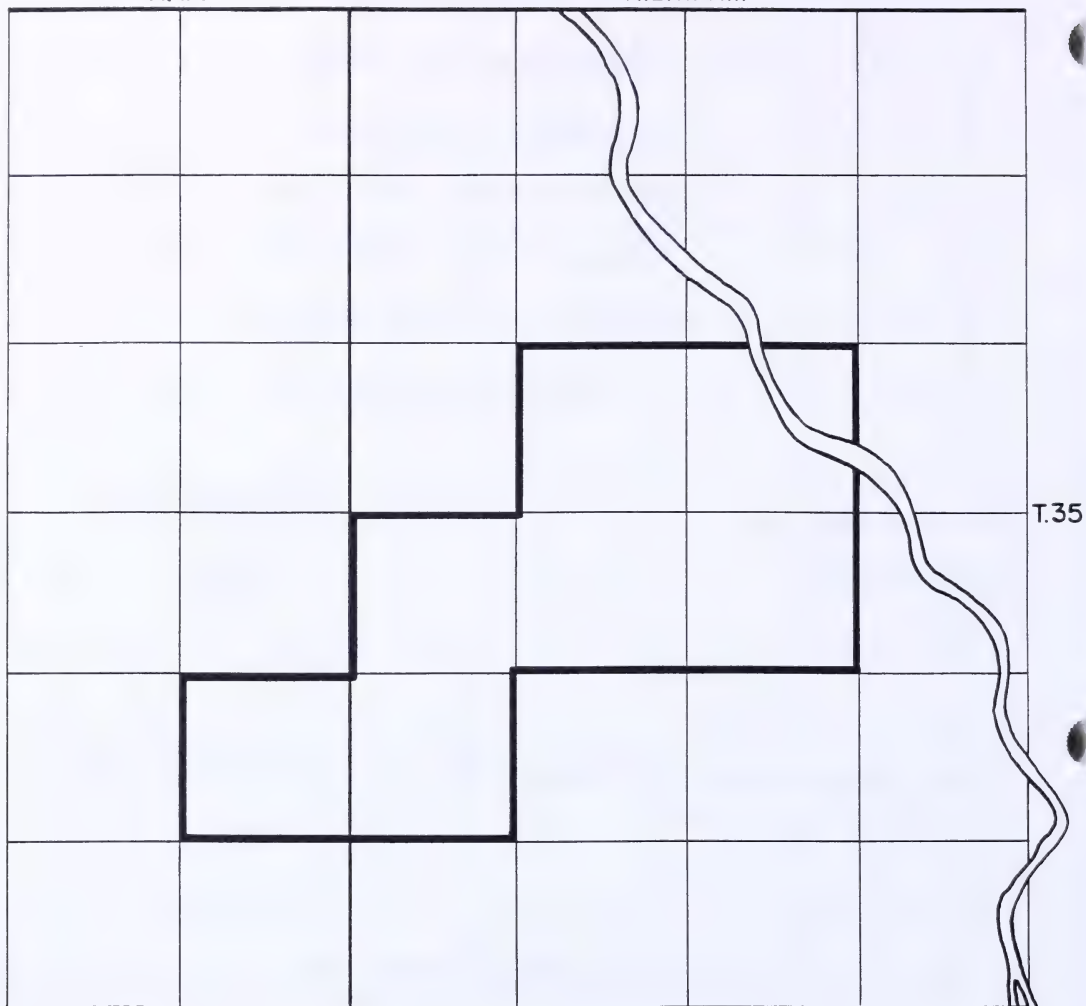
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 22

R.21W.4M.



T.35

RICH GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — JUNE 1, 1969

UNIT OPERATOR — GULF CANADA RESOURCES LIMITED

RICINUS CARDIUM UNIT NO. 1

Located in the Ricinus Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 01 June 1973

Participation Revised - 01 October 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

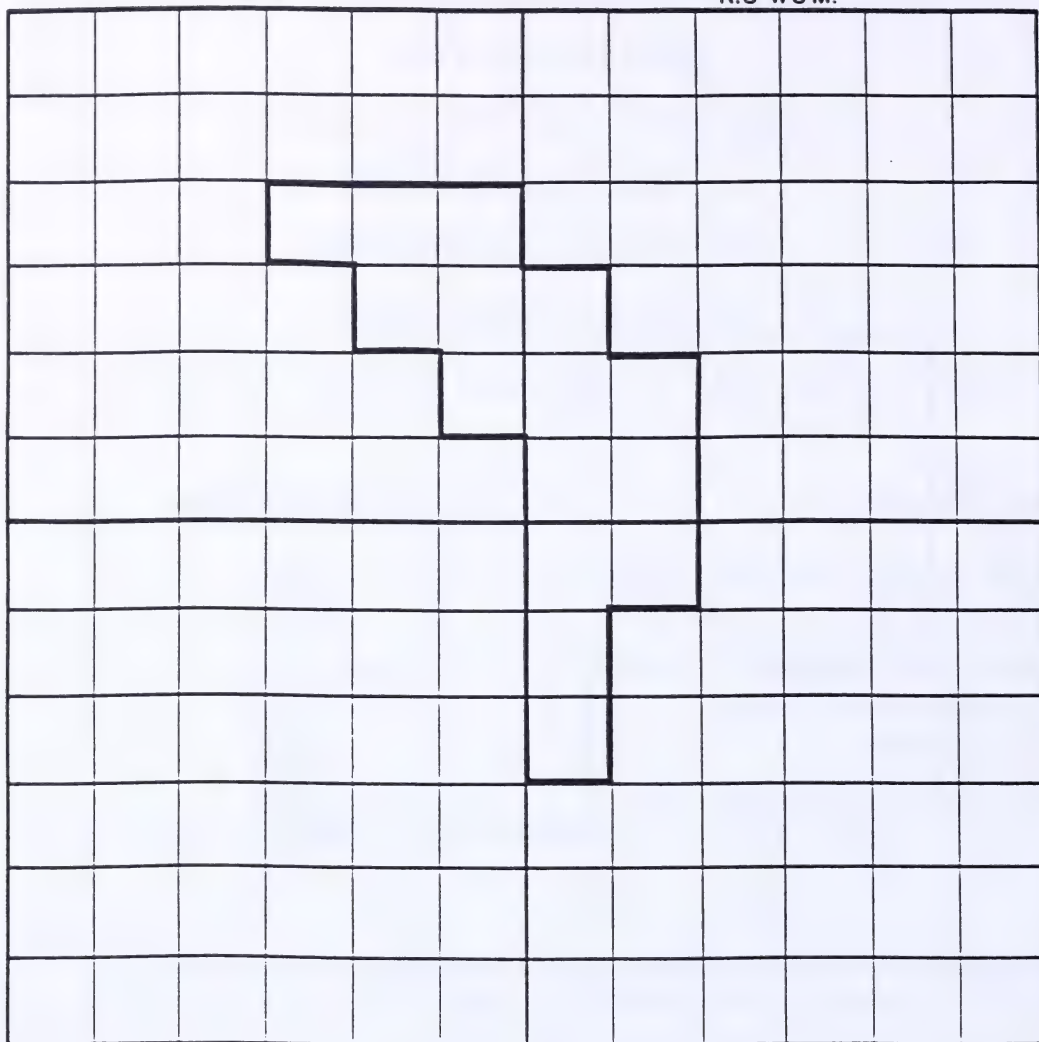
Amerada Minerals Corporation of Canada Ltd.	3.309
Amoco Canada Petroleum Company Ltd.	40.045
Amoco Canada Resources Ltd.	3.698
Chevron Canada Resources	2.654
Gulf Canada Resources Limited	7.289
Mobil Oil Canada	2.654
Petro-Canada Inc.	40.045
Placer CEGO Petroleum Company Ltd.	<u>0.306</u>
	100.000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.8 W5M.



T. 36

T. 35

ERC-B

UNIT OPERATOR- AMOCO CANADA PETROLEUM COMPANY LTD.

RICINUS CARDIUM UNIT NO. 2

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 February 1982

Participation Revised - 01 October 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

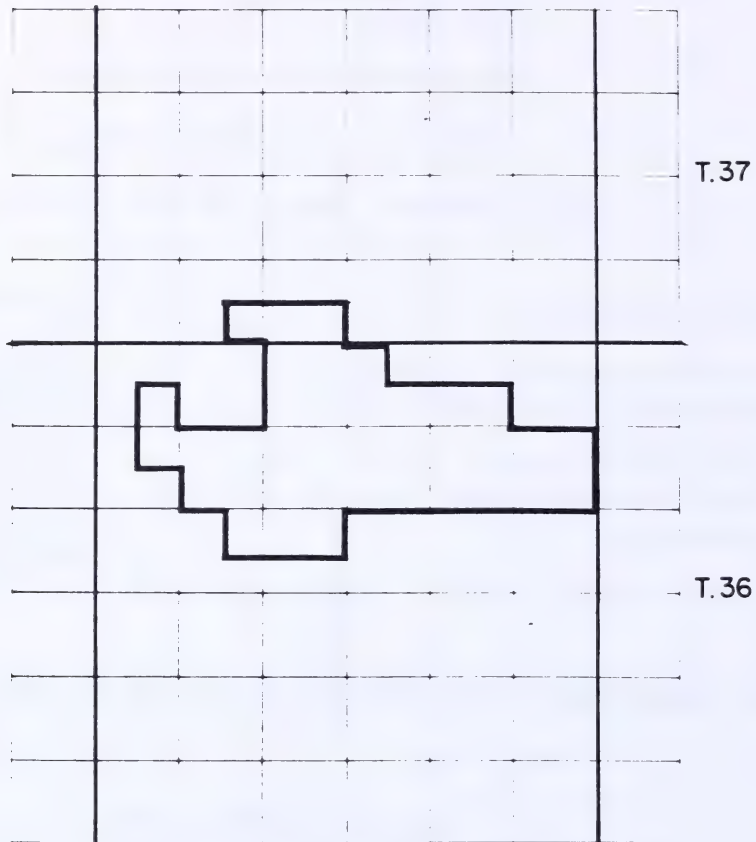
Amerada Minerals Corporation of Canada Ltd.	21.35297
Amoco Canada Petroleum Company Ltd.	12.54275
Canterra Energy Ltd.	0.00863
Encor Energy Corporation Inc.	0.01066
Gulf Canada Resources Limited	53.54224
Petro-Canada Inc.	<u>12.54275</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9W.5M.



RICINUS CARDIUM UNIT NO.2

UNIT OPERATOR— GULF CANADA RESOURCES LIMITED

INITIAL EFFECTIVE DATE—FEBRUARY 1, 1982.

ROWLEY BELLY RIVER GAS UNIT NO. 1

Located in the Rowley Field

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 March 1976

Participation Revised - 01 December 1990

*Unitized Zone - Basal Belly River "A" Sand

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

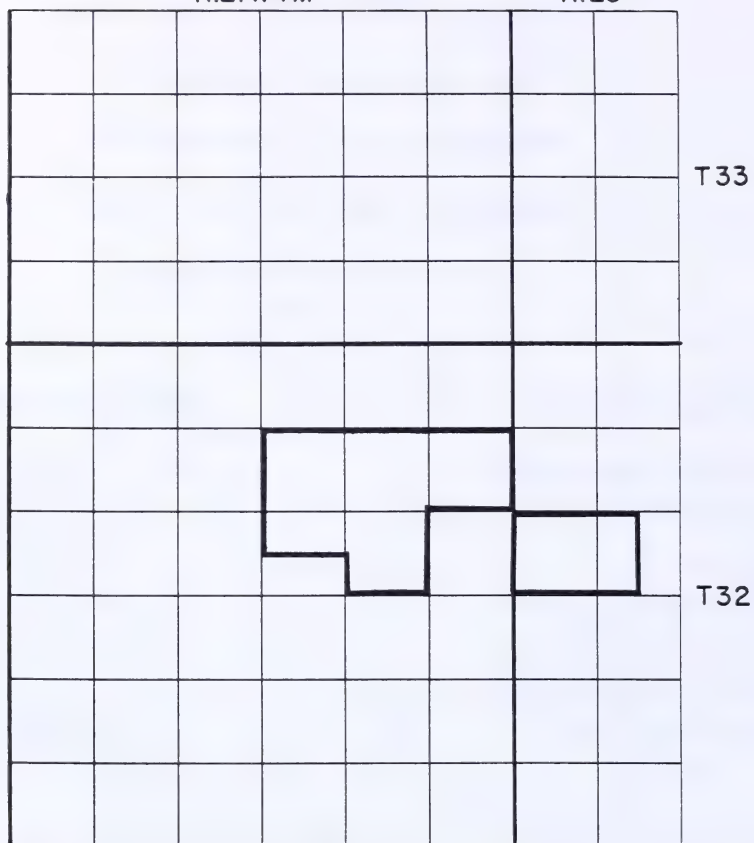
American Eagle Petroleum Ltd.	5.673555
Amoco Canada Resources Ltd.	9.523150
Atcor Ltd.	5.673556
CEC Resources Ltd.	12.912388
Gulf Canada Resources Limited	49.203011
Kerr-McGee Corporation	3.492586
Murphy Oil Company Limited	0.416670
PanCanadian Petroleum Limited	1.758296
Renaissance Energy Ltd.	<u>11.346788</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.20



INITIAL EFFECTIVE DATE - MARCH 1, 1976

UNIT OPERATOR - GULF CANADA RESOURCES LIMITED

ROWLEY PEKISKO UNIT 1

Located in the Rowley Field

Unit Operator - Woodbend Oil & Gas Ltd.

Initial Effective Date - 01 April 1967

Participation Revised - 01 August 1990

*Unitized Zone - Pekisko Formation

*Unitized Substance - Crude oil and other hydrocarbons

Working Interest Owners

Per Cent Participation

Renaissance Energy Ltd.

100.0000

100.0000

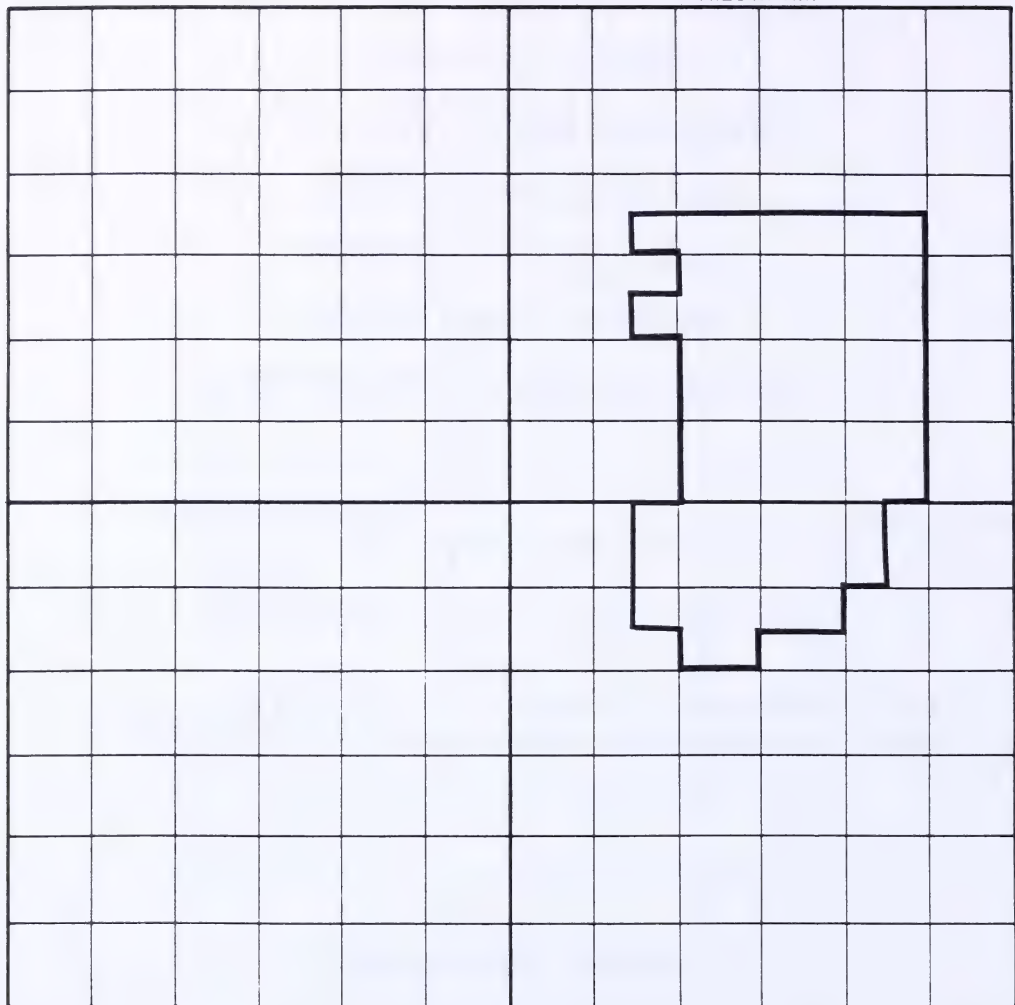
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.21

R.20W.4M.



T.32

T.31

ROWLEY PEKISKO UNIT I

ERCB

INITIAL EFFECTIVE DATE - 1 APRIL 1967

UNIT OPERATOR - WOODBEND OIL & GAS LTD.

RYCROFT CHARLIE LAKE "C" POOL UNIT

Located in the Rycroft Field

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 01 October 1990

*Unitized Zone - Charlie Lake Formation

*Unitized Substance - Petroleum Substances

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	0.6768
Chauvco Resources Ltd.	7.1643
Encor Energy Corporation Inc.	0.4351
Esso Resources Canada Limited	17.7040
PanCanadian Petroleum Limited	54.1688
Ranger Oil Limited	6.4311
Saskatchewan Oil and Gas Corporation	<u>13.4199</u>
	100.0000

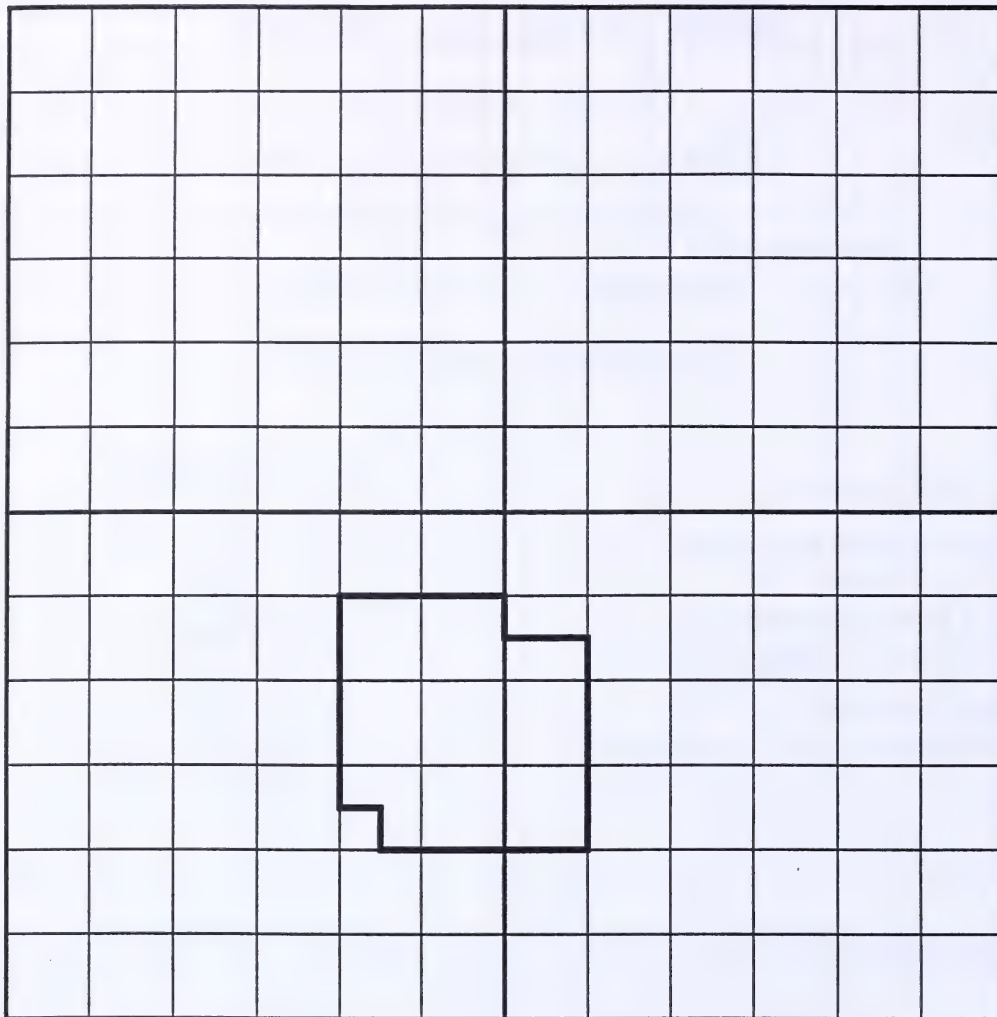
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6

R.5 W.6M.



T.78

T.77

RYCROFT CHARLIE LAKE C POOL UNIT

INITIAL EFFECTIVE DATE- 1 OCTOBER 1990

UNIT OPERATOR-PAN CANADIAN PETROLEUM LIMITED



SNIFE LAKE BEAVERHILL LAKE UNIT NO. 1

Located in the Snipe Lake Field

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 01 March 1965

Participation Revised - 01 November 1990

*Unitized Zone - Swan Hills Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	0.7987600
Atcor Ltd.	11.2863861
BP Resources Canada Limited	3.6723700
Chevron Canada Resources	19.9688050
Comaplex Resources International Ltd.	1.8230900
Esso Resources Canada	0.1288500
Esso Resources Canada Limited	27.7478450
Norcen Energy Resources Limited	24.6103130
Numac Oil & Gas Ltd.	1.1534800
PanCanadian Petroleum Limited	1.5772139
Shell Canada Limited	<u>7.2328870</u>
	100.0000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

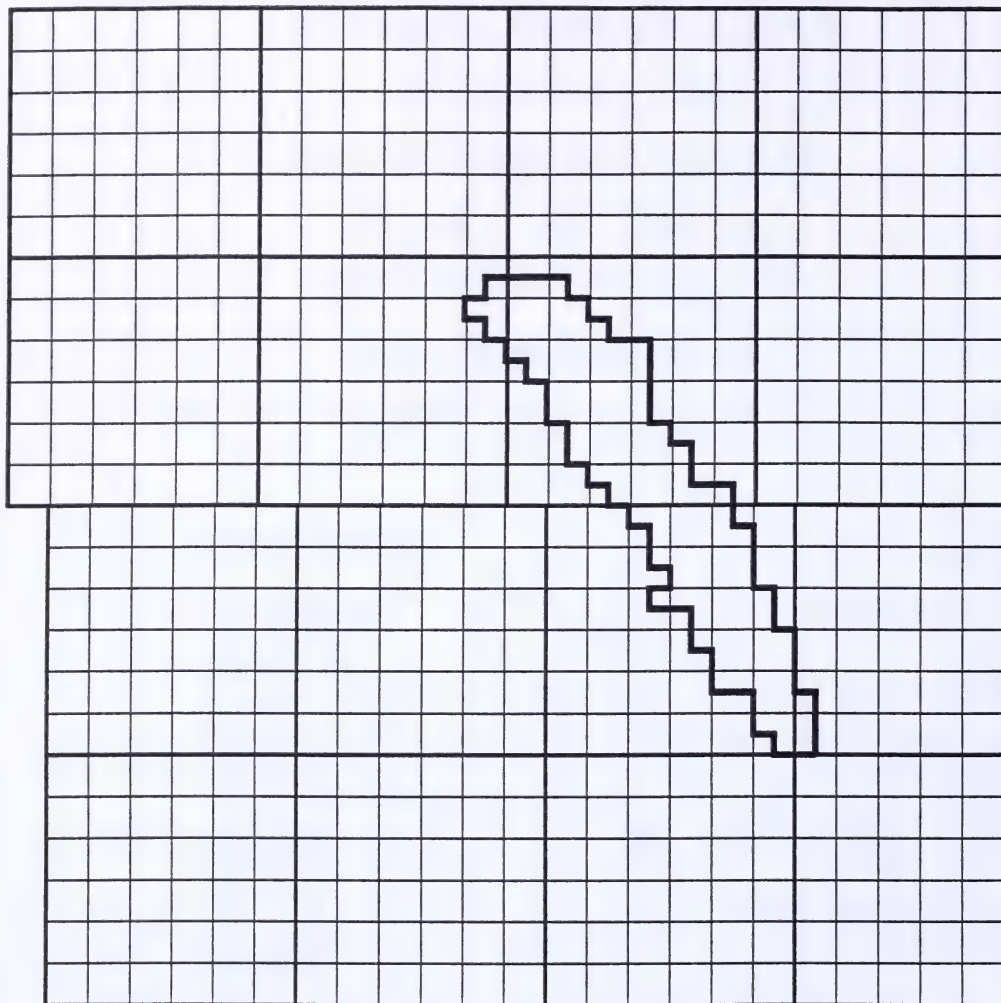
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.20

R.19

R.18

R.17 W.5M.



T.72

T.71

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T.69

SNIPE LAKE BEAVERHILL LAKE UNIT NO.1

INITIAL EFFECTIVE DATE— 1 MARCH 1965

UNIT OPERATOR—ESSO RESOURCES CANADA LIMITED

SOUTH EDSON GAS UNIT NO. 1

Located in the Edson Field

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 01 January 1967

Participation Revised - 01 November 1990

*Unitized Zone - Turner Valley Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

Altana Exploration Company	1.57339
Canadian Superior Oil Ltd.	7.39336
Conoco Canada Limited	70.10840
HCO Energy Company Ltd.	6.96360
Royal Trust Energy Resources II Corporation	<u>13.96125</u>
	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



SOUTH ELKTON UNIT NO. 1

Located in the Harmattan-Elkton Field

Unit Operator - Home Oil Company Limited

Initial Effective Date - 01 May 1964

Participation Revised - 20 November 1990

*Unitized Zone - Turner Valley Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Resources Ltd.	.67722
Comaplex Resources International Ltd.	.70479
Esso Resources Canada	15.90298
Gulf Canada Resources Limited	1.41316
Home Oil Company Limited	41.49932
Mobil Oil Canada	34.92251
Norcen Energy Resources Limited	3.61342
Northern Development Co. Ltd. (N.D.C.L.)	<u>1.26660</u>
	100.00000

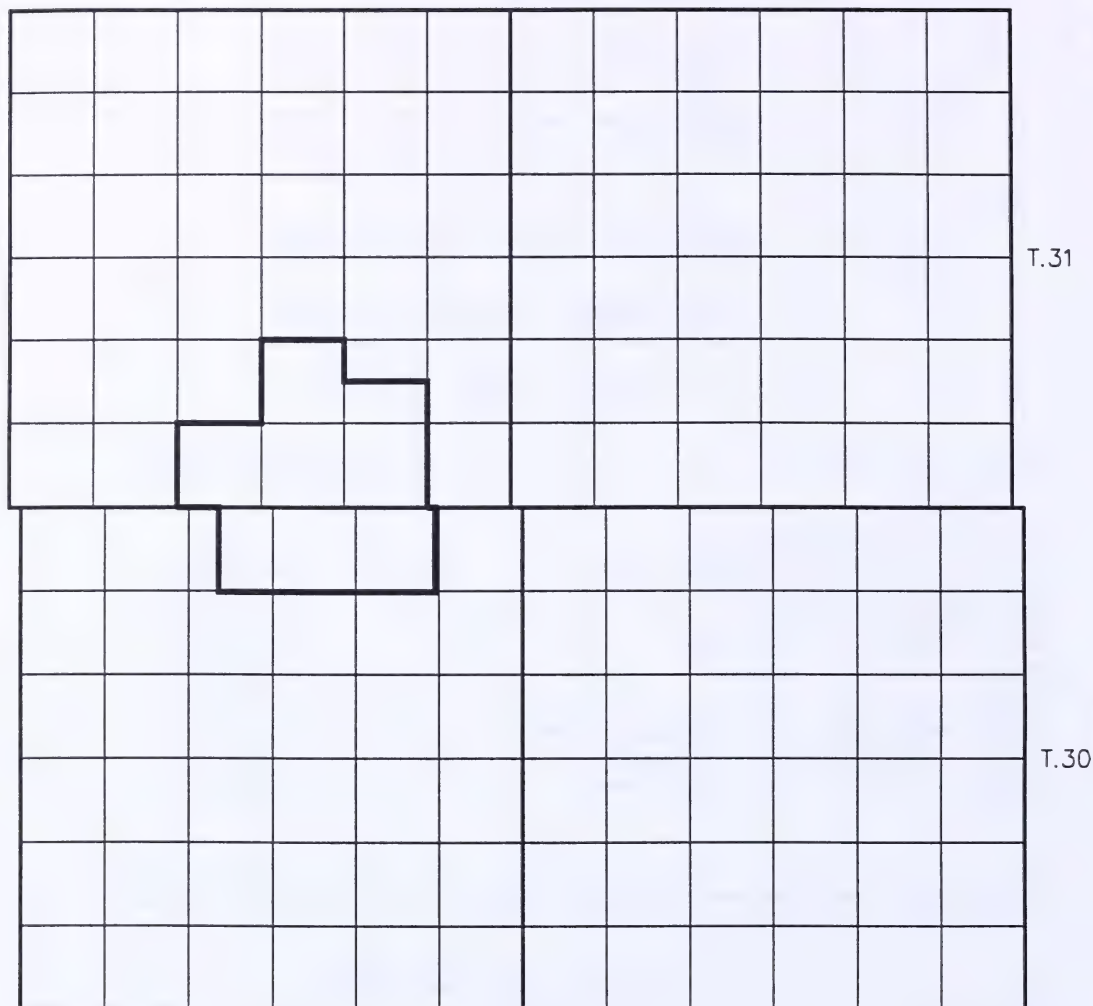
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.4

R.3 W.5M.



SOUTH ELKTON UNIT NO. 1

INITIAL EFFECTIVE DATE- 1 MAY 1964

UNIT OPERATOR—HOME OIL COMPANY LIMITED

ERC

SOUTH MITSUE UNIT NO. 1

Located in the Mitsue Field

Unit Operator - Canterra Energy Ltd.

Initial Effective Date - 01 March 1990

Participation Revised - 01 November 1990

*Unitized Zone - Gilwood Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

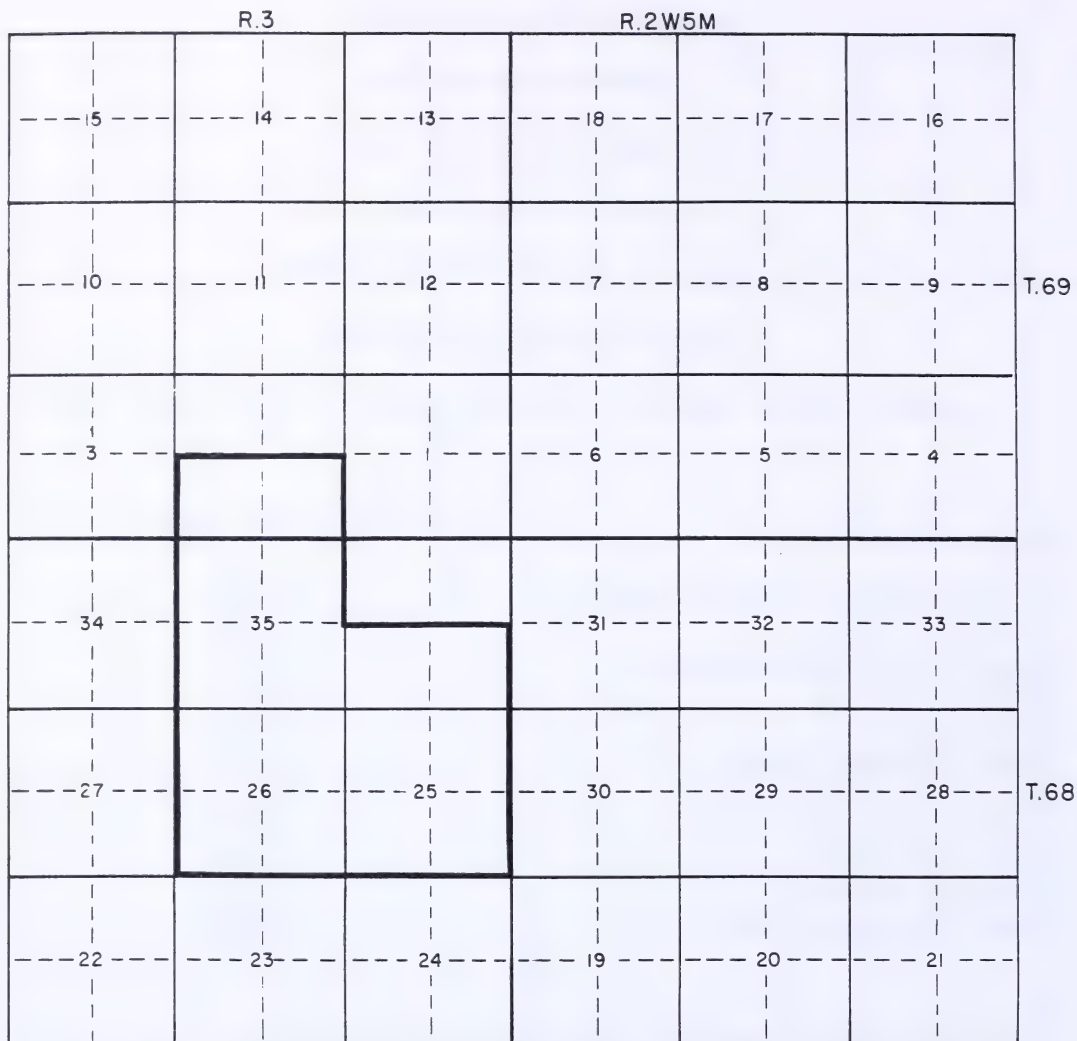
Per Cent Participation

Amerada Minerals Corporation of Canada Ltd.	14.1153
Atcor Ltd.	0.3400
Bowtex Energy (Canada Corporation)	0.3400
Canterra Energy Ltd.	38.4645
Encal Energy Ltd.	6.5860
Home Oil Company Limited	8.3369
Husky Oil Operations	26.2461
Knowlton Realty Ltd.	0.4080
Ranger Oil Limited	1.0880
Resman Oil and Gas Ltd.	0.5440
Sunlite Oil Company Limited	<u>3.5312</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



SOUTH MITSUE UNIT NO.1



INITIAL EFFECTIVE DATE- 1 MARCH 1985

UNIT OPERATOR- CANTERRA ENERGY LTD.

SOUTH PEMBINA FIELD CARDIUM UNIT

Located in the Pembina Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 01 December 1964

Participation Revised - 01 November 1990

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

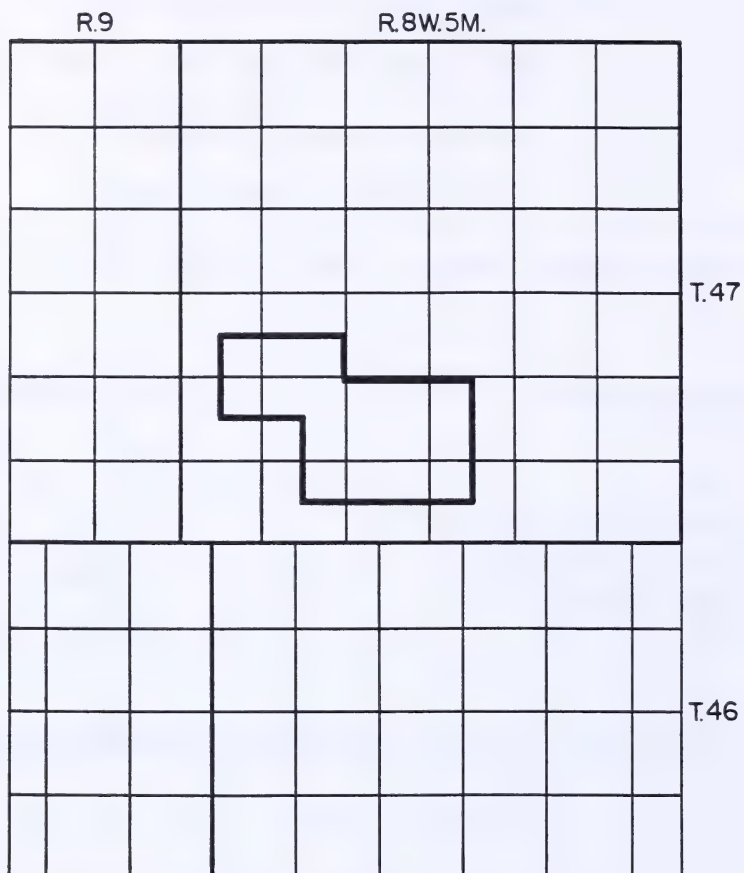
Per Cent Participation

	<u>Interim</u>	<u>Final</u>
Amoco Canada Petroleum Company Ltd.	43.10000	41.76667
Amoco Canada Resources Ltd.	43.10000	41.76667
Encor Energy Corporation Inc.	10.35000	12.35000
Kerr-McGee Canada Ltd.	<u>3.45000</u>	<u>4.11666</u>
	100.00000	100.00000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



SOUTH PEMBINA CARDIUM UNIT

INITIAL EFFECTIVE DATE—DECEMBER 1, 1964

UNIT OPERATOR—AMOCO CANADA PETROLEUM COMPANY LTD

STRACHAN LEDUC D-3 GAS UNIT NO. 1

Unit Operator - Gulf Canada Resources Limited

Initial Effective Date - 01 February 1971

Participation Revised - 01 October 1990

*Unitized Zone - Leduc D-3 Formation

*Unitized Substance - Natural Gas

Working Interest Owners

Per Cent Participation

Amerada Minerals Corporation of Canada Ltd.	26.831486
Encor Energy Corporation Inc.	23.168514
Gulf Canada Resources Limited	<u>50.000000</u>
	100.000000

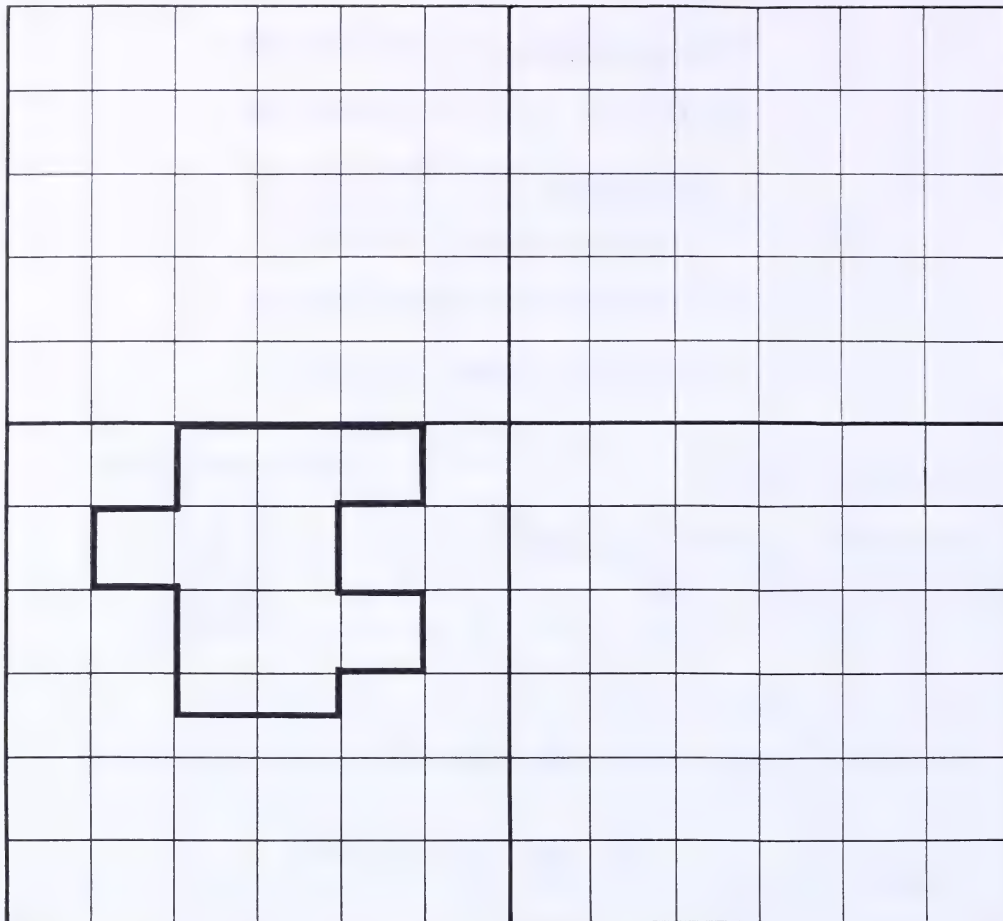
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R 9 W 5 M

R. 8



T.38

T.37

STRACHAN LEDUC D-3 GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — FEBRUARY 1, 1971

UNIT OPERATOR — GULF CANADA RESOURCES LIMITED

SUNCHILD GAS UNIT NO. 1

Located in the Sunchild Field

Unit Operator - Home Oil Company Limited

Initial Effective Date - 01 October 1978

Participation Revised - 18 June 1990

*Unitized Zone - Elkton-Shunda Zone

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	2.0
DEKALB Energy Canada Ltd.	13.0
Esso Resources Canada	3.0
Gulf Canada Resources Limited	11.0
Home Oil Company Limited	34.0
Pembina Resources Ltd.	34.0
Shell Canada Limited	3.0
	<u>100.0</u>

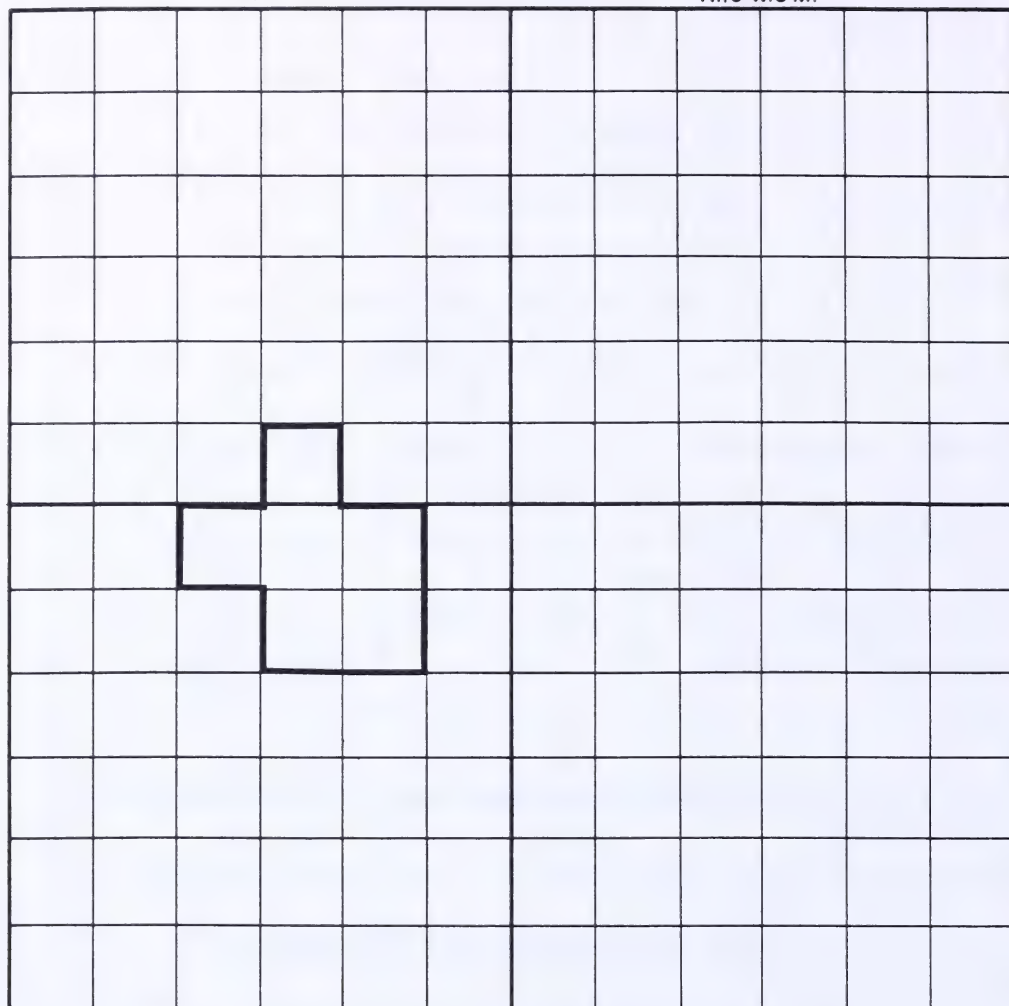
*For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.11

R.10 W.5 M.



T.44

T.43

SUNCHILD GAS UNIT NO.1



INITIAL EFFECTIVE DATE - 1 OCTOBER 1978

UNIT OPERATOR - HOME OIL COMPANY LIMITED

SUNDRE UNIT NO. 1

Located in the Sundre Field

Unit Operator - Hudson's Bay oil and Gas Company Ltd.

Initial Effective Date - 01 October 1963

Participation Revised - 01 November 1990

*Unitized Zone - Elkton Member and Shunda Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

Amoco Canada Resources Ltd.	77.375466
Dekalb Energy Canada Ltd.	11.770470
Home Oil Company Limited	0.838933
Kalif Holdings Ltd.	1.415400
Mobil Oil Canada	0.210535
Shell Canada Limited	4.797739
Total Petroleum Canada Ltd.	<u>3.591457</u>
	100.000000

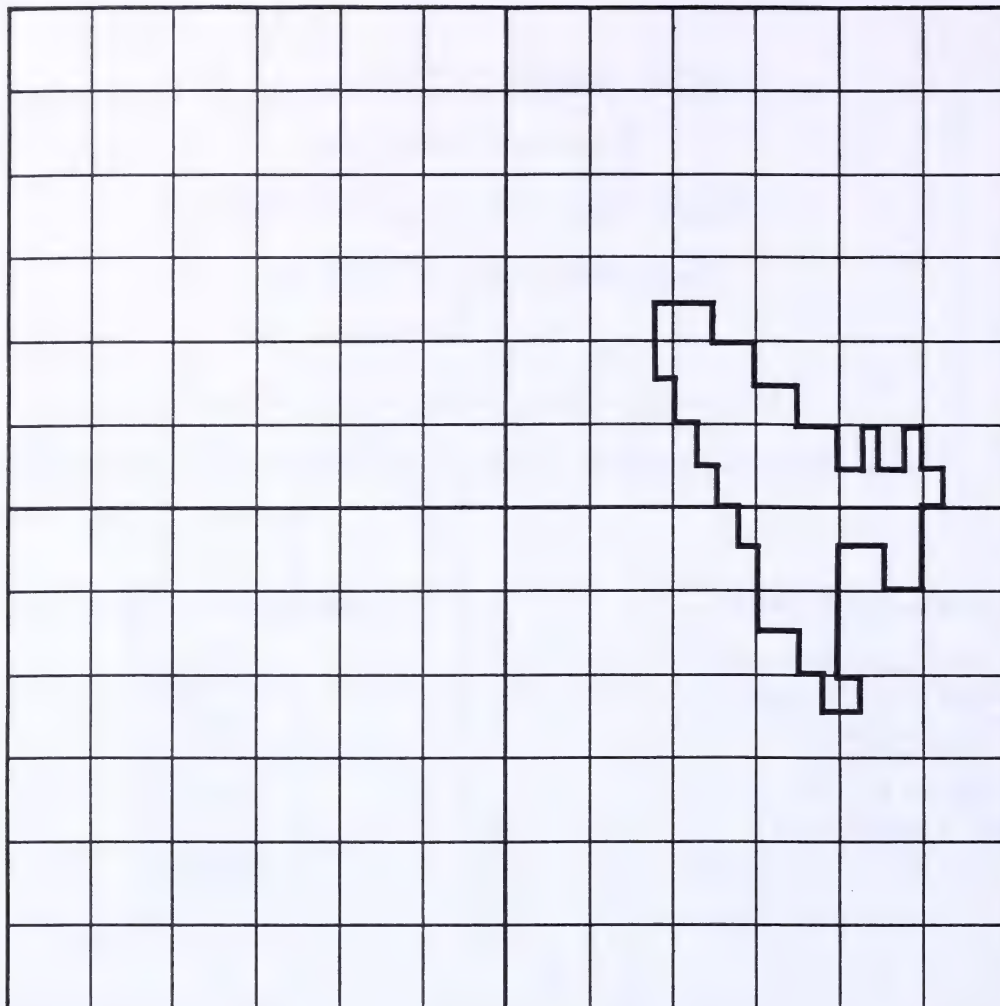
* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6

R.5W.5M.



T.34

T.33

SUNDRE UNIT NO.1

INITIAL EFFECTIVE DATE — 1 OCTOBER 1963

UNIT OPERATOR — HUDSON'S BAY OIL AND GAS COMPANY LIMITED

SUNSET TRIASSIC "A" UNIT NO. 1

Located in the Sunset Field

Unit Operator - Texaco Canada Resources

Initial Effective Date - 01 December 1979

Participation Revised - 01 September 1990

*Unitized Zone - Triassic "A" Sand Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

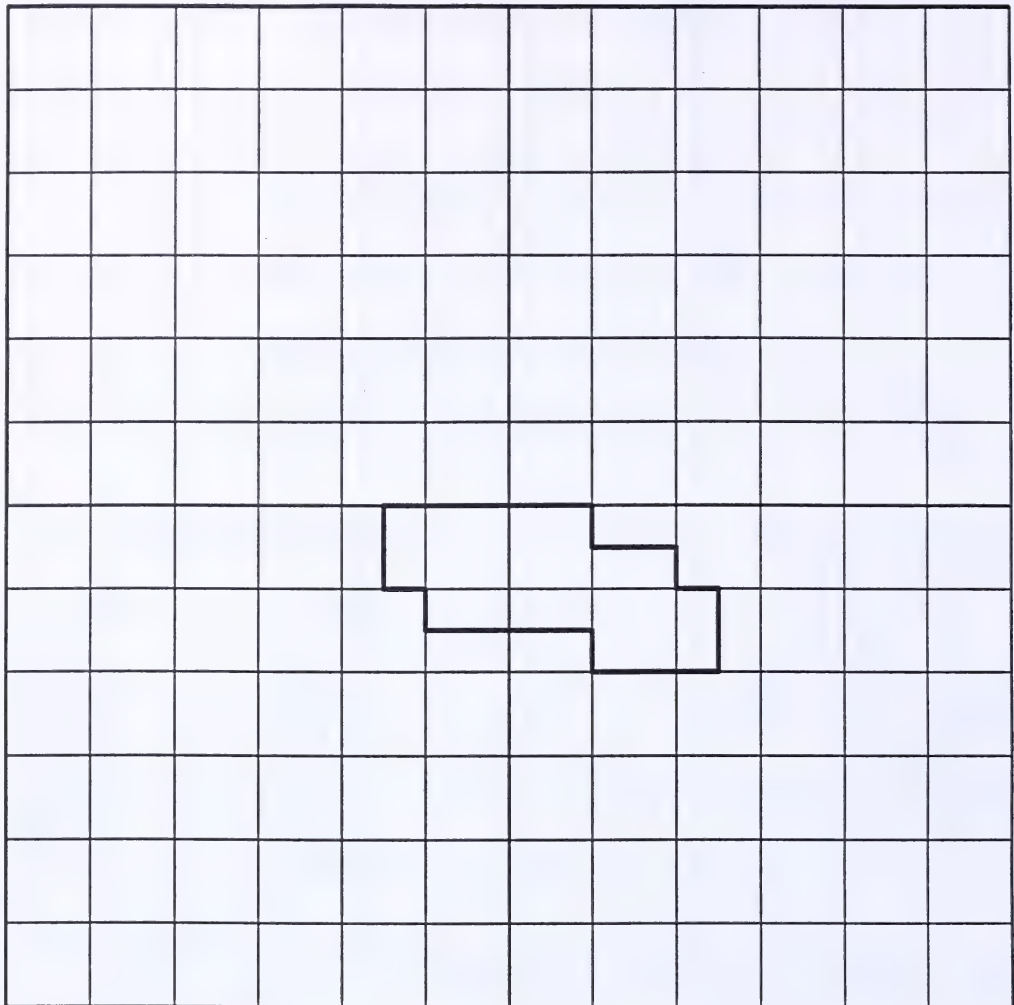
	<u>Interim</u>	<u>Final</u>
Amoco Canada Resources Ltd.	2.4773	2.5004
Amerada Minerals Corporation	24.1870	26.7200
CKS Energy Ltd.	0.5310	0.7260
Canpar Holdings Ltd.	5.0755	5.1229
Esso Resources Canada	37.9175	36.9765
Inverness Petroleum	<u>29.8117</u>	<u>27.9542</u>
	100.0000	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.19 W.5M.



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ERC

UNIT OPERATOR—ESSO RESOURCES CANADA

SWAN HILLS BEAVERHILL LAKE "C" POOL UNIT NO. 2

Located in the Swan Hills Field

Unit Operator - Columbia Gas Development of Canada Ltd.

Initial Effective Date - 01 July 1990

*Unitized Zone - Beaverhill Lake Formation

*Unitized Substance - Petroleum Substances

Working Interest Owners

Per Cent Participation

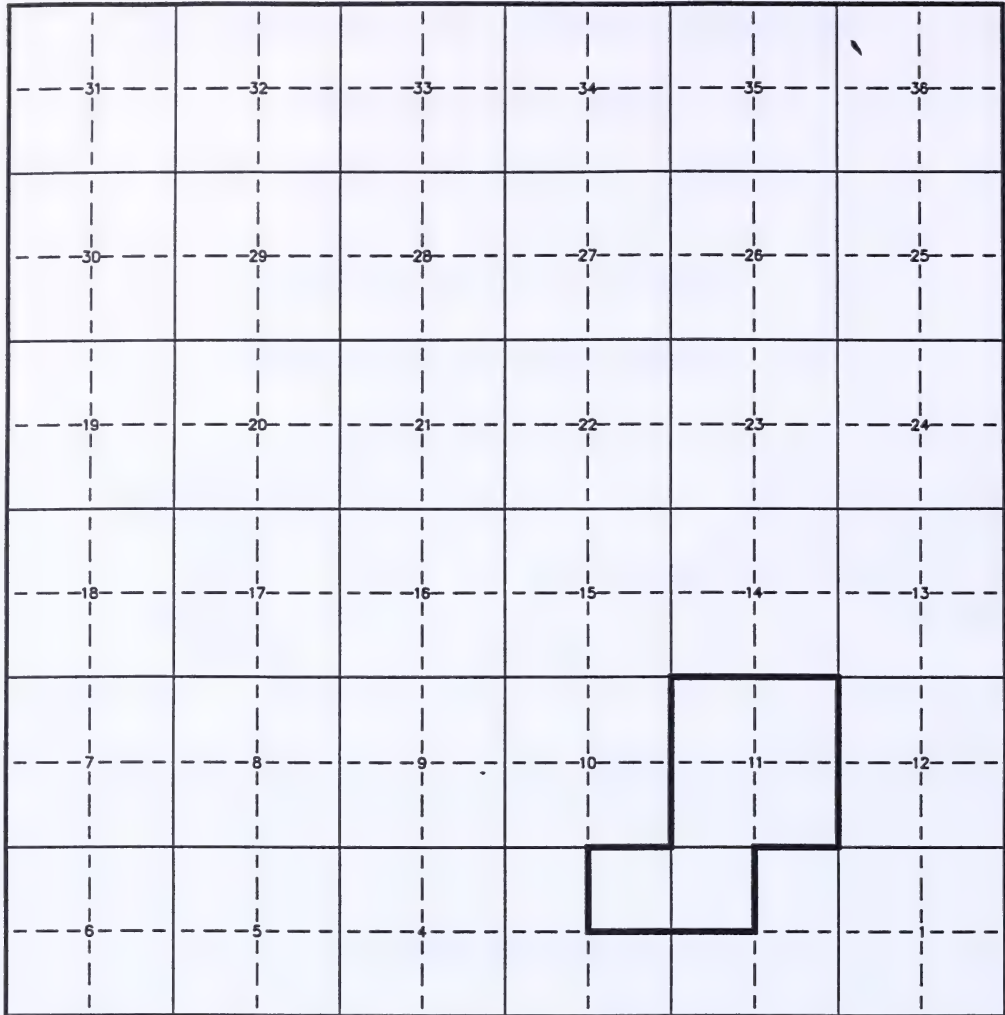
AEC Oil and Gas Company	16.9512
Columbia Gas Development of Canada Ltd.	74.5732
Neste Oy	<u>8.4756</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9 W.5M.



T.69

SWAN HILLS BEAVERHILL LAKE C POOL UNIT NO.2

INITIAL EFFECTIVE DATE— 1 JULY 1990



UNIT OPERATOR— COLUMBIA GAS DEVELOPMENT OF CANADA LTD.

Located in the Swan Hills Field

Unit Operator - Home Oil Company Limited

Initial Effective Date - 01 January 1963

Participation Revised - 01 July 1990

*Unitized Zone - Swan Hills Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	1.0455030
Amoco Canada Petroleum Company Ltd.	14.4474685
Amoco Canada Resources Ltd.	0.0275790
Balmer Enterprises, Inc.	0.0272774
BP Resources Canada Limited	1.9280706
Canadian Kenwood Company	0.6890651
Chair Holdings Ltd.	0.2332560
Corvair Oil Ltd.	0.0756917
CWCP Resources Inc.	0.3337640
Encor Energy Corporation Inc.	0.6240712
Esso Resources Canada	18.6600542
Esso Resources Canada Limited	0.1631170
Esso Resources Enterprises Ltd.	1.3868515
Gulf Canada Resources Limited	17.0013992
Home Oil Company Limited	17.2802734
Kerr-McGee Canada Ltd.	0.2080238
Luscar Ltd.	1.4381363
Peter J. McMahon U.S. - Canada Partnership	0.1002323
Estate of R.W. McMahon	0.0539132
Mobil Oil Canada	12.2106815
Murphy Oil Company Ltd.	1.2067858
Norcen Energy Resources Limited	0.2710628
Phillips Petroleum Canada Ltd.	0.5002590
Ranger Oil Limited	0.4398755
Sabre Energy Ltd.	4.9004206
Shell Canada Limited	0.0787607
Suncor Inc.	1.9474812
Total Petroleum Canada Ltd.	2.2983000
Total Petroleum (North America) Ltd.	<u>0.4226255</u>
	100.0000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

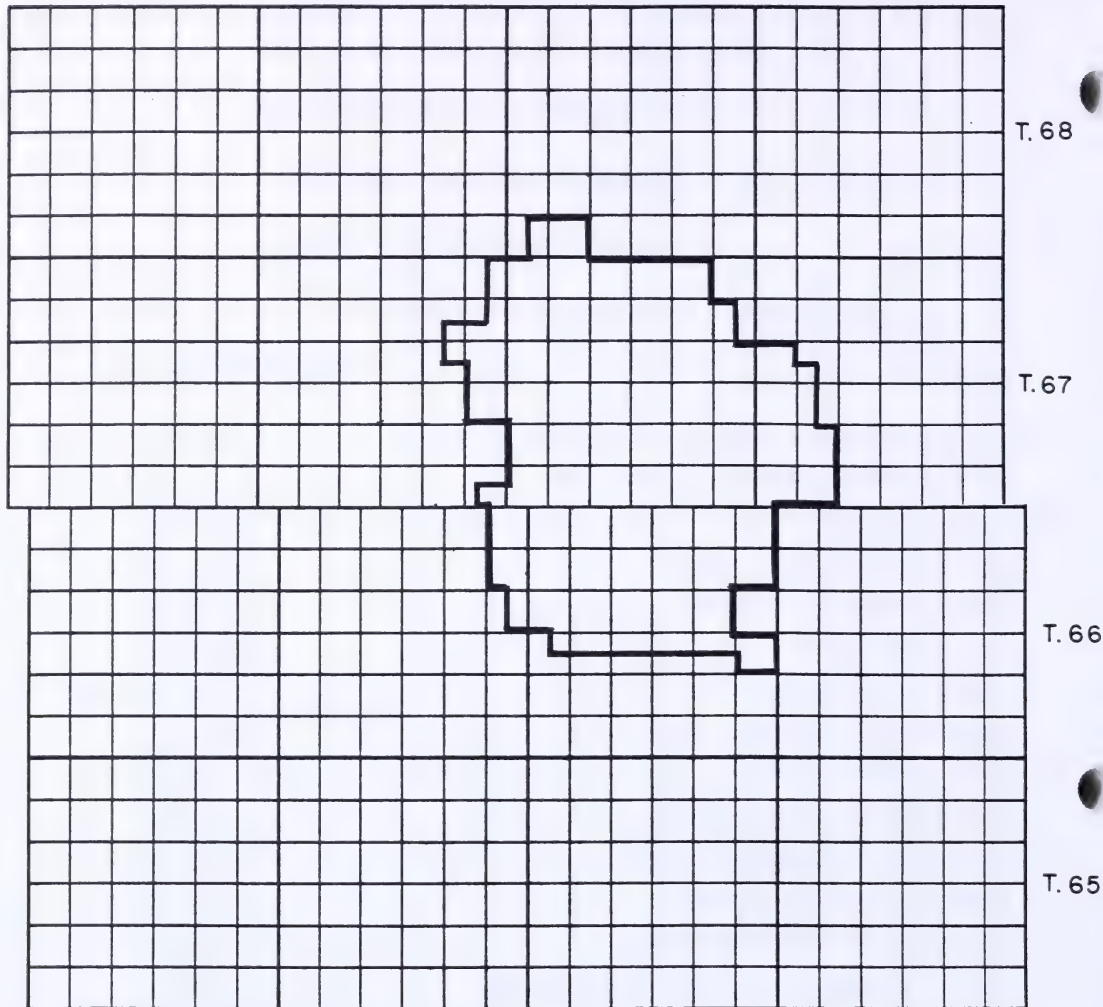
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.12

R.11

R.10

R.9W.5M.



SWAN HILLS UNIT NO. 1

ERCB

INITIAL EFFECTIVE DATE - 1 JANUARY 1963

UNIT OPERATOR - HOME OIL COMPANY LIMITED

WAINWRIGHT UNIT NO. 17

Located in the Wainwright Field

Unit Operator - Husky Oil

Initial Effective Date - 01 June 1990

*Unitized Zone - Wainwright Formation

*Unitized Substance - Petroleum Substances

Working Interest Owners

Per Cent Participation

Husky Oil

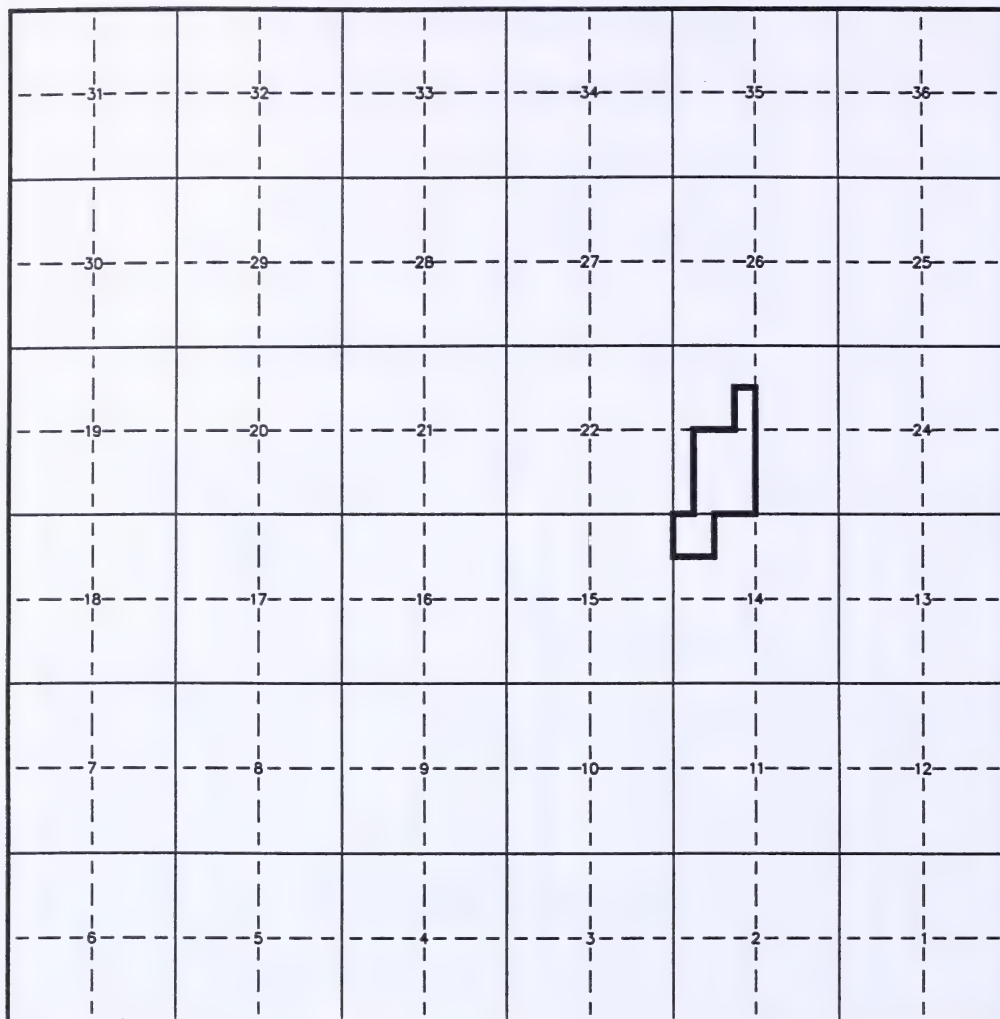
100.00
100.00

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6 W.4M.



T.45

WAINWRIGHT UNIT NO. 17

INITIAL EFFECTIVE DATE- 1 JUNE 1990

UNIT OPERATOR-HUSKY OIL

ERCB

WASKAHIGAN DUNVEGAN "A" POOL UNIT

Located in the Waskahigan Field

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 01 September 1989

Participation Revised -

*Unitized Zone - Dunvegan Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

Per Cent Participation

	<u>Interim</u>	<u>Final</u>
Amoco Canada Petroleum Company Ltd.	59.44	60.48
Chevron Canada Resources	6.81	10.00
Mobil Oil Canada, Ltd.	<u>33.75</u>	<u>29.52</u>
	100.00	100.00

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.24

R.23W5M

34	35	36	31	32	33
27	26	25	30	29	28
22	23	24	19	20	21
15	14	13	18	17	16
10	11	12	7	8	9
3	2		6	5	4

T.64

WASKAHIGAN DUNVEGAN "A" POOL UNIT



INITIAL EFFECTIVE DATE - 1 FEBRUARY 1989

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD.

WELLING BOW ISLAND GAS UNIT #1

Located in the Blood Field

Unit Operator - Pacific Cassiar Limited

Initial Effective Date - 01 June 1989

Participation Revised - 01 September 1990

*Unitized Zone - Bow Island Formation within Unit Area

*Unitized Substance - Petroleum substances or obtained from the unitized zone

Working Interest Owners

Per Cent Participation

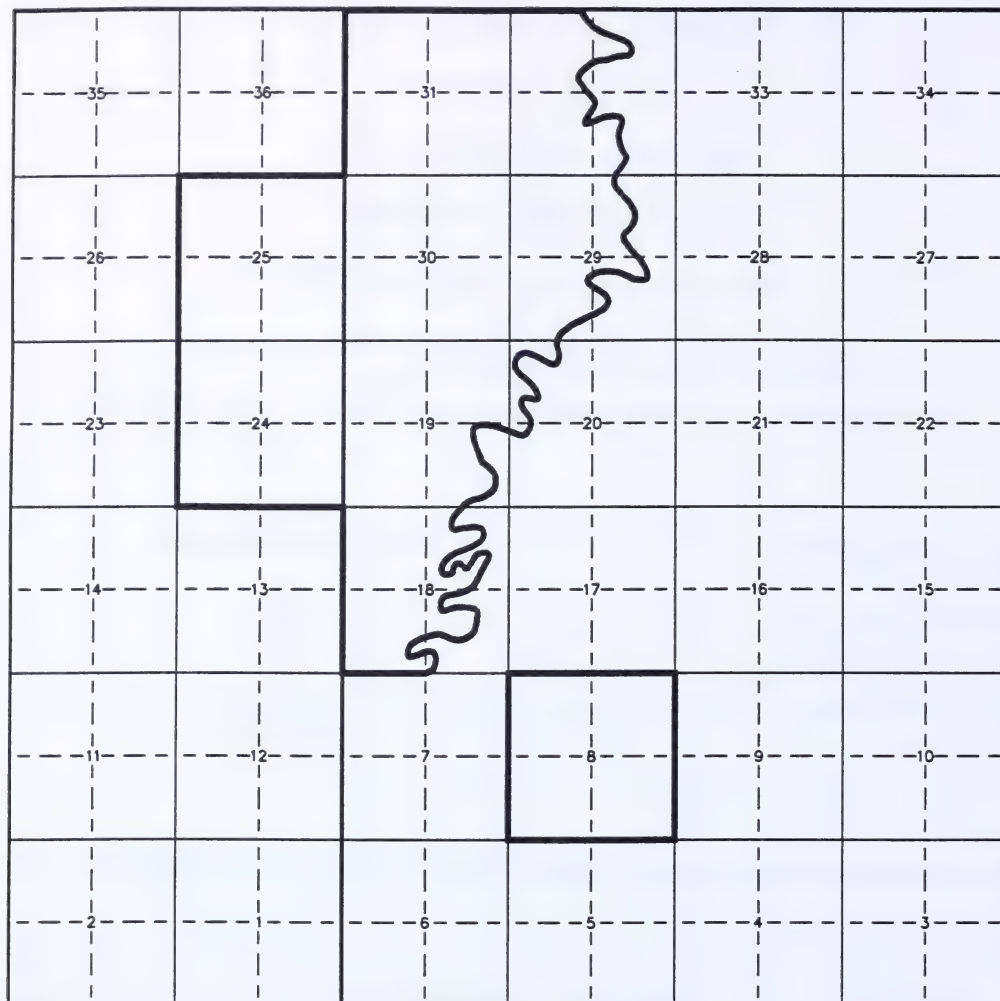
Juniper Holdings Limited	8.50
Pacific Cassiar Limited	68.00
Rampage Holdings Limited	8.50
Venture Resources Ltd.	<u>15.00</u>
	100.00

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.21W.4M.



T.6

ERCB

UNIT OPERATOR—PACIFIC CASSIAR LIMITED

WHITECOURT GAS UNIT NO. 1

Located in the Whitecourt Field

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 01 April 1971

Participation Revised - 01 December 1990

*Unitized Zone - Lower Mannville, Nordegg and Pekisko

*Unitized Substance - Natural gas

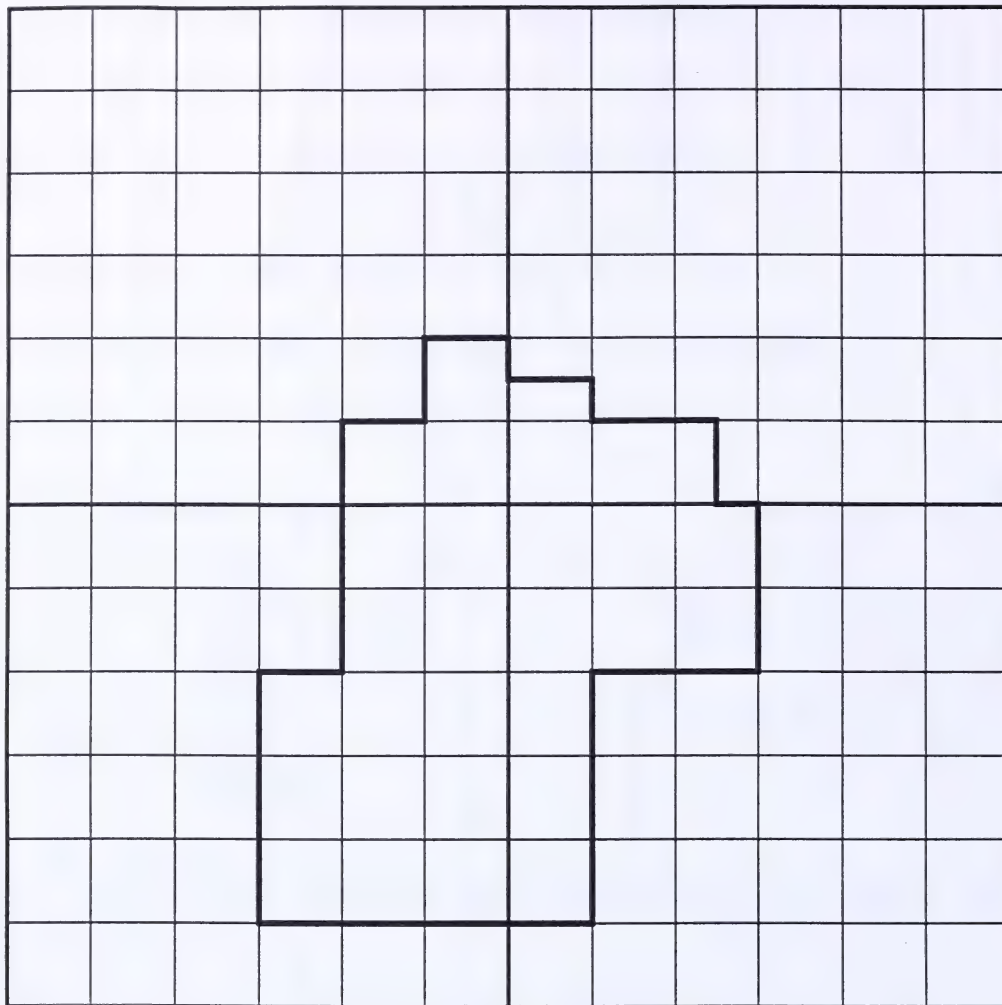
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	9.5657
Amoco Canada Resources Ltd.	0.8115
BP Resources Canada Limited	9.2898
Encal Energy Ltd.	13.4511
Home Oil Company Limited	29.1900
Inverness Petroleum Ltd.	1.5432
Petro-Canada Inc.	<u>36.1487</u>
	100.0000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.11 W.5M.



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UNIT OPERATOR—PETRO—CANADA INC.

WINTERING HILLS VIKING GAS UNIT NO. 1

Located in the Wintering Hills Field

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 01 November 1969

Participation Revised - 01 November 1990

*Unitized Zone - Viking Formation

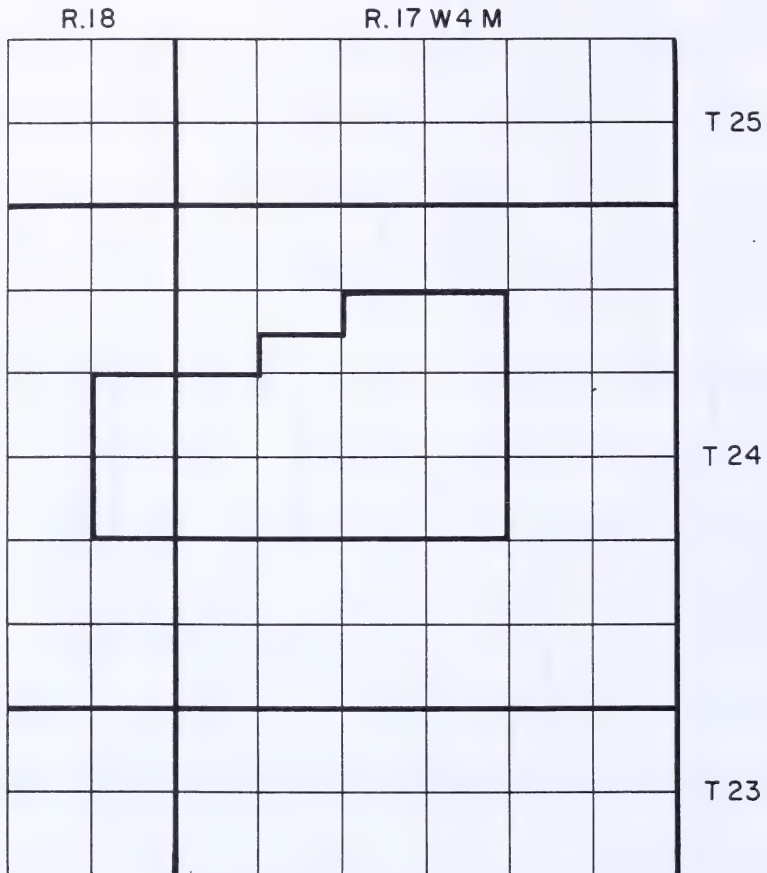
*Unitized Substance - Natural gas and other hydrocarbons (except coal and crude oil)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Chauvco Resources Ltd.	4.01493
Harvard International Resources Ltd.	14.36572
Lambda Resources Ltd.	0.38856
Norpet Oil & Gas Ltd.	0.55369
PanCanadian Petroleum Limited	66.20654
Saskoil Resources Inc.	5.82833
Summit Resources Ltd.	1.25970
Westair Resources Ltd.	<u>7.38253</u>
	100.00000

*For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WINTERING HILLS VIKING GAS UNIT NO.1

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1969

UNIT OPERATOR - PANCANADIAN PETROLEUM LIMITED

WOOD RIVER D-2A UNIT

Located in the Wood River Field

Unit Operator - Sceptre Resources Limited

Initial Effective Date - 01 November 1990

Participation Revised - 01 June 1990

*Unitized Zone - Nisku (D-2) Formation within the Unit Area

*Unitized Substance - Petroleum substances in or obtained from the
unitized zone

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anderson Exploration Ltd.	9.63841
Bellport Resources Ltd.	1.13851
Bow Valley Industries Ltd.	1.77556
Bowtex Energy (Canada) Corporation	2.21376
Candev Investments Ltd.	0.02160
Candor Investments Ltd.	7.68327
Central Explorers Inc.	1.55973
Chauvco Oil & Gas Ltd.	1.44222
Consumers Co-Operative Refineries Limited	17.05354
Fossil Resources Limited	2.36739
Hawk's Nest Resources Ltd.	3.32831
Inverness Petroleum Ltd.	2.51956
Kandex Resources & Development Ltd.	9.35952
Nucorr Petroleums Ltd.	3.60453
Oakwood Petroleums Ltd.	22.34429
Placer Cego Petroleums	0.64805
A Division of Placer Development Limited	
Probe Exploration & Development Ltd.	1.72313
Robinson Resources Ltd.	2.95936
Sceptre Resources Limited	7.76744
Tourigny Management Ltd.	0.85182
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.23

R.22 W.4M.



T.43



T.42

WOOD RIVER D-2A UNIT

INITIAL EFFECTIVE DATE- 1 NOVEMBER 1987

UNIT OPERATOR-SCEPTRE RESOURCES LIMITED

ERCB

WIMBORNE LEDUC (D-3) UNIT NO. 1

Located in the Wimborne and Three Hills Creek Fields

Unit Operator - Mobil Oil Canada

Initial Effective Date - 01 March 1964

Participation Revised - 01 July 1990

*Unitized Zone - Leduc (D-3) Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Resources Ltd.	2.071113
Canadian Occidental Petroleum Ltd.	1.291020
Candor Investments Ltd.	2.015075
Conwest Exploration Company Limited	2.576595
Encor Energy Corporation Inc.	1.971430
Enerplus Pension Resource Corporation I	2.576595
Enerplus Resources Corporation	0.374860
Esso Resources Canada	3.529030
Esso Resources Canada Limited	0.068360
Esso Resources Enterprises Ltd.	8.957070
Gulf Canada Resources Limited	25.137830
Leddy Exploration Limited	0.412500
Mobil Oil Canada	37.068805
Phillips Petroleum Resources, Ltd.	0.137500
Plainsman Exploration Ltd.	0.012805
Royal Trust Energy Resources II Corporation	3.805350
Shell Canada Limited	3.000060
Synerg Energy Ltd.	<u>0.012805</u>
	100.000000

* For a complete definition of unitized zones and substances see Unit Documents.

(For Area - See Reverse Side)

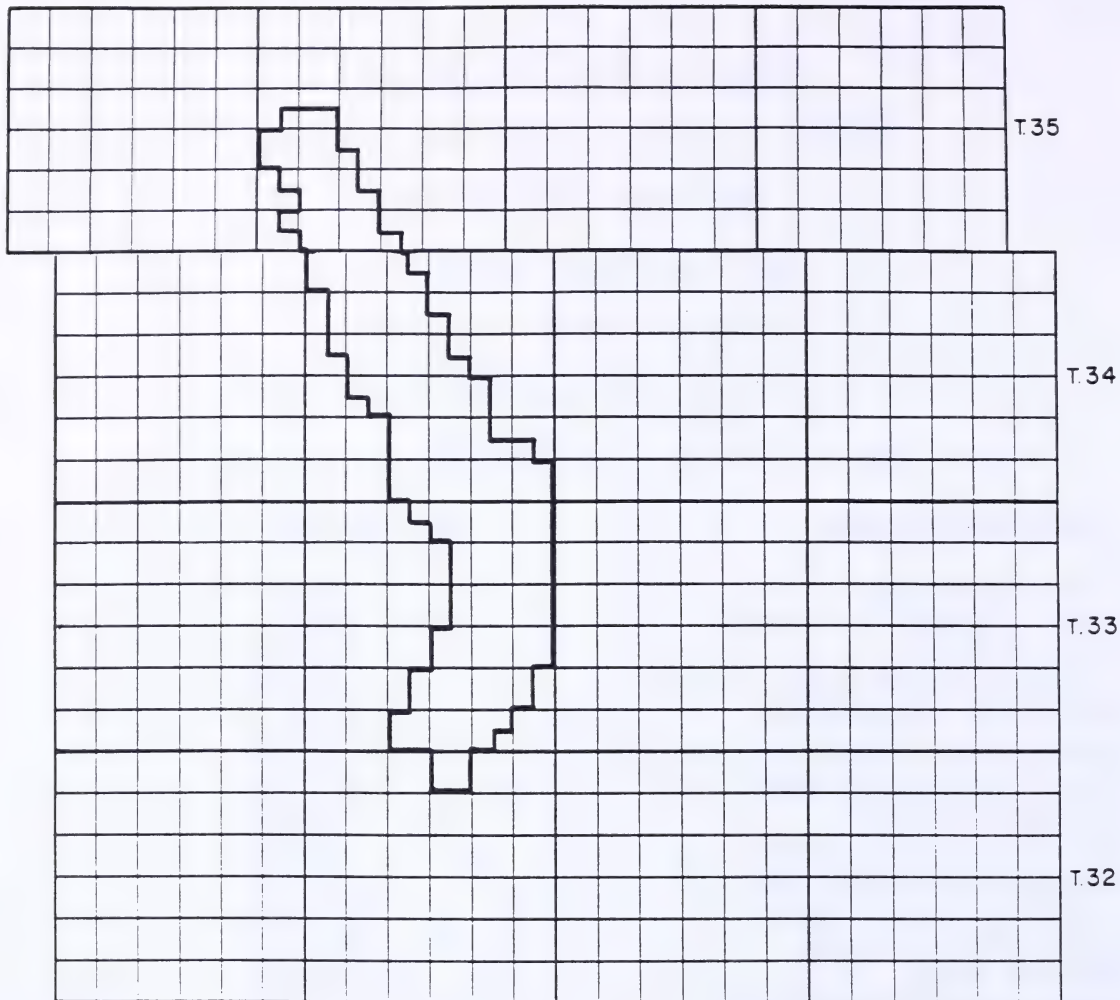
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.27

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R.24 W.4 M.



WIMBORNE LEDUC (D-3) UNIT NO.1



INITIAL EFFECTIVE DATE - 1 MARCH 1964

UNIT OPERATOR - MOBIL OIL CANADA



UNIT 17

UNIT 17

UNIT 17

TO: All Operators in the Alberta Oil and Gas Industry
Subscribers to the Oil and Gas Unit Publication

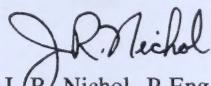
5 December 1990

TERMINATION OF OIL AND GAS UNIT PUBLICATION

This is to inform you that effective January 1991, the ERCB will cease publication of the Oil and Gas Unit Publication and Quarterly Update (ERCB ST-7). The decision has been made as a result of a recent review of organizational priorities and because alternative sources of unit information exist and are available through industry.

Current subscription holders will receive the Quarterly Update to the end of 1990, thereby completing their subscriptions for the year. The final update will be issued in January 1991.

Thank you for your past patronage of this service.

A handwritten signature in cursive script that reads "J.R. Nichol".

J. R. Nichol, P.Eng.
Manager

Drilling and Production Department

General Bulletin

Energy Division
Canadian Council
Ottawa, Ontario
K1P 8S6

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7 December 1991

TO: All persons in the Energy OR and OR industry
SUBJECT: The OR and the Bulletin

TERMINATION OF OR AND THE BULLETIN

It is to inform you that effective January 1992, the ERCB will cease publication of the OR and the Bulletin. The Bulletin is a quarterly journal (ERCB 21-7). The decision has been made as a result of a review of the Bulletin's content and because alternative sources of this information exist and are available from a variety of sources.

Current information will continue to be available through the Quarterly Update in the end of 1991, thereby ensuring that information is the best. The final update will be issued in January 1992.

Thank you for your past support of the Bulletin.

J. McNeill
1212-1-1000

Director
Energy and Production Department